

Evangeline Parish School Board

E-Rate Category 2 Products and Services

Prepared For:

Evangeline Parish School Board
Connie Guillory
1123 Te Mamou Road
Ville Platt, LA 70586

Due Date:

January 15, 2021

Submitted By:

Presidio Networked Solutions, LLC.
104 Hemlock Drive, Bourgville, LA 70502
EIN: 54-1667655 SPIN#: 143015315

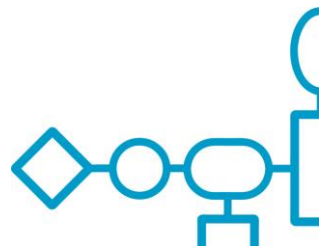
Jeremy LeMaire
Account Executive
Phone: 337-257-8508
Email: jlemaire@presidio.com

PRESIDIO™



TAB 1

Original Bid



REQUEST FOR PROPOSALS

EVANGELINE PARISH SCHOOL BOARD



E-RATE CATEGORY 2 PRODUCTS AND SERVICES

Event Calendar
RFP #E-RATE 2021-2022

EVENT	DATE	TIME	LOCATION
RELEASE RFP	DECEMBER 1, 2020	2:00 PM	EPC AND CENTRAL AUCTION HOUSE BIDDING
INQUIRY OPENS	DECEMBER 3, 2020	9:00 AM	Connie.guillory@epsb.com
INQUIRY CLOSES	JANUARY 4, 2021	5:00 PM	Connie.guillory@epsb.com
SUBMISSION DEADLINE	JANUARY 15, 2021	2:00 PM	SEE PAGE 2
PUBLIC BID OPENING	JANUARY 15, 2021	2:00 PM	SEE PAGE 2

EVANGELINE PARISH SCHOOL BOARD ("DISTRICT") reserves the right to reject all proposals and to waive any formability defects or clerical errors in any Bid Proposal Package, as in the interest of "EVANGELINE PARISH SCHOOL BOARD."



E-Rate REQUEST FOR PROPOSALS

Category 2 Products and Services NOTICE TO BIDDERS

EVANGELINE PARISH SCHOOL BOARD AKA "DISTRICT" is seeking proposals for Category 2 Products and Services. As of October 1, 2019, the DISTRICT reported an enrollment of 5,726 PK-12 students.

The DISTRICT seeks bids for E-rate eligible internal connections, licenses, support warranties, and renewal of support warranties.

Bids may be uploaded to <http://centralauctionhouse.com> (Please check the site in ADVANCE for rules and fees for uploading to the bidding site(s). Submissions must be received no later than January 15, 2021, at 2:00 PM (CST).

If delivered, sealed proposals should be sent via certified mail, U.P.S., Fed Ex, or hand-delivered to:

EVANGELINE PARISH SCHOOL BOARD OFFICE

Delivery Address:

EVANGELINE Parish School District

CONNIE GUILLORY

1123 Te Mamou Road

Ville Platt, La. 70586-5935

If further information is needed, please email:

Connie.guillory@epsb.com

DEADLINE FOR BID SUBMISSION IS FRIDAY, JANUARY 15, 2021

EVANGELINE PARISH SCHOOL DISTRICT reserves the right to reject all proposals and waive any informality, technical defect, or clerical error in any Bid Proposal Package, as the interest of the EVANGELINE PARISH may require. Any proposer may withdraw his/her proposal, either personally or by written request, at any time before the scheduled closing time for receipt of proposals.

EVANGELINE PARISH SCHOOL DISTRICT CATEGORY 2 RFP

SECTION	PAGE
1 GENERAL TERMS AND DEFINITIONS.....	4
2 STANDARD TERMS AND CONDITIONS	7
3 SPECIAL TERMS AND CONDITIONS (EQUIPMENT, MATERIALS OR SUPPLIES)	11
4 EVALUATION PROCESS	13
5 PRICING	14
6 OVERVIEW OF SERVICES.....	15
7 SPECIFICATIONS OF WIRELESS INFRASTRUCTURE.....	17
8 ACCESS POINT OPTIONS.	20
9 ANTENNAS, CONNECTORS, AND COMPONENTS	20
10 CABLING	20
11 SOFTWARE, SUPPORT, LICENSES, WARRANTY.	21
12 PROJECT PLAN MANAGEMENT.....	21
13 ORDER OF INSTALLATIONS.	22
14 ON-SITE REQUIREMENTS.....	22
15 INTERACTION WITH STUDENTS	23
16 REQUIREMENTS.....	23
17 MINIMUM CONTRACTOR QUALIFICATIONS.	23
18 REQUIREMENTS FOR ALL OPTIONS.	24
19 PROPOSAL FORMAT	24
20 BID FORM (REQUIRED)	29
21 NON-COLLUSION STATEMENT.....	30

1 GENERAL TERMS AND DEFINITIONS

TERMS	DEFINITION
ADDENDUM	A Document or information attached or added to clarify, modify, or support the REQUEST FOR PROPOSAL information. All Addendums will be uploaded to the E-Rate Portal (EPC) and electronic bidding site if required.
ADMINISTRATIVE BID APPROVAL	The DISTRICT's final review by the administrative authority to accept or reject a bid that complies or does not comply fully with the Request for Proposal (RFP). Submissions may be disqualified for reasons outlined in the Request for Proposal.
AGREEMENT	A contract that has been agreed upon and signed by the DISTRICT. In some cases, the Agreement will be a letter of award, purchase order, or another legally binding contract.
ASSIGNMENT OF CONTRACT OR PURCHASE ORDER	The bidder(s) shall not assign or transfer by operation of law or otherwise any rights, burdens, duties, or obligations without the DISTRICT's prior written consent. Notification of corporate take-overs or mergers must be reported to the DISTRICT.
BEST AND FINAL OFFER (BAFO)	The DISTRICT reserves the right to conduct a BAFO with one or more Proposers determined by the evaluation committee to be reasonably susceptible to being selected for an award. The Vendor(s) chosen will receive written notification of their selection, with a list of specific items to be addressed in the BAFO along with instructions for submittal. The BAFO negotiation may be used to assist the DISTRICT in clarifying the scope of work. The evaluation criteria for a BAFO will be the same as the evaluation used in Round 1.
BID	The Vendor's response to the Request for Proposals.
CONFLICT OF INTEREST	A Conflict of Interest shall exist when a Vendor or any affiliated person or business entity provides goods or services under a Contract Award whereby one or more personal, business, or financial interests or relationships exist which would cause a reasonable individual with knowledge of the relevant facts to question the integrity or impartiality of those who are or will be acting on behalf of the DISTRICT.
CONTRACT AWARD	The acceptance of a Quote, Bid, Proposal or Offer; a Purchase Order, Contract Agreement, or other formal notification of award issued by an authorized official of the DISTRICT. The term 'contract award' refers to

	formally notifying the Vendor they have been selected as the supplier for a particular contract.
CONTRACT TERM	The length of time of a Contract or Agreement will be available for use by the DISTRICT. Optional extensions may be available as an option to extend the contract term.
DEFAULT BY CONTRACTOR	The DISTRICT shall hold the bidder(s) responsible for any damage, which may be sustained due to failure to comply with any terms or conditions listed herein. It is expressly provided and agreed that time shall be essential in meeting the contract delivery requirements. If the successful bidder(s) fails to deliver services listed herein at the prices named and at the time and place herein stated or otherwise fails or neglects to comply with the terms of the bid, the DISTRICT may, upon written notice to the bidder, cancel the contract in its entirety or cancel or rescind any or all items affected by such default, and may, whether or not the contract is canceled in whole or in part. The DISTRICT may consider the second winner or re-advertise all services in their entirety.
EQUIVALENT	A replacement for a good or service that achieves the same result and has the same functionality as the product or service requested in the RFP. All equivalent goods and services will be considered that meet the definition.
INVOICES AND PAYMENTS	All vendors submitting proposals must agree to invoice the DISTRICT their monthly discount obligation portion and then send a Service Provider Invoice (SPI) to USAC for the eligible share. Invoices must show both the Funding Request Number (FRN) for each service, site location, the total monthly cost, the discount portion owed by DISTRICT, and the amount billed to USAC.
NOTICE OF INTENT AWARD	A formal, written document issued by an authorized official of the DISTRICT informing a Vendor that a Contract has been awarded to the Vendor based on its Solicitation Response. In some cases, the finance committee, school board, and other authorizing bodies must approve the final Agreement.
PRICE	Prices should be typed and shown as instructed on the sample price form for each item, in the quantity specified in the bid form. The DISTRICT is exempt from all state taxes; therefore, taxes should not be included. All additional fees must be fully explained and listed on the sample pricing forms.

	The DISTRICT also requires ALL E-Rate ineligible items to be listed separately (e.g., Antivirus software, content filtering). Errors may be crossed out and corrections made before bid opening only and must be initialed in ink by the person signing the bid or bidder's authorized representative. If there should be a decrease in prices of the items bid (LCP) during the contract period, a corresponding reduction in costs on the balance of the services shall be made to the DISTRICT for as long as the lower prices are in effect.
PROTEST OF A SOLICITATION OR AWARD	Any person who is aggrieved in connection with the solicitation or award of a contract shall have an opportunity to protest to the DISTRICT. Protest concerning a solicitation shall be submitted in writing at least two (2) days before bids opening. Protest concerning the award of a contract shall be submitted in writing within fourteen (14) days after the contract award.
QUANTITY AND QUALITY OF MATERIALS OR SERVICES	The successful bidder(s) shall furnish and deliver the services or products designated in the bid. All services or products provided under the contract shall be by the bid specifications. There are no understandings, agreements, representations, or warranties, express or implied, not specified in the Agreement. The DISTRICT may adjust quantities as needed. The amounts are based on the best estimate of the quantities time of posting the Form 470.
TERMINATION OF AGREEMENT	The DISTRICT may terminate agreements upon giving thirty days advance written notice of intent to terminate the contract for a good cause. (e. g. failure to deliver services, failure to comply with the RFP conditions, and specifications within the RFP).
MANUFACTURE SUGGESTED RETAIL PRICE (MSRP)	The Manufacturer Suggested Retail Price (MSRP) is the price a Manufacturer recommends selling its product by resellers.
PENDING TARIFFS	Pending Tariffs is a series of United States tariffs imposed and pending from the current President as part of his <i>America First</i> economic policy to reduce the United States trade deficit by shifting American trade policy from multilateral free trade agreements to bilateral trade deals.

2 STANDARD TERMS AND CONDITIONS

2.1 Request for Proposal Form.

Unless otherwise provided, all written proposals must be submitted in the RFP package with the required forms provided and must be adequately signed. Bids submitted in the following manner will not be accepted:

- a) RFP required forms contain no signature
- b) Proposal filled out in pencil
- c) Proposal not submitted in compliance with School Board's standard Proposal package and RFP form
- d) Proposal sent by Email or Fax

2.2 SUBMISSION INFORMATION AND PUBLIC BID OPENING

There will be a public bid opening in the School Board Office at 2:00 PM (CST) on January 15, 2021. No pricing will be announced at the Public Bid Opening due to a pending administrative review of each proposal.

Bids may be uploaded to <http://centralauctionhouse.com> (Please check the site in ADVANCE for rules and fees for uploading to the bidding site(s). Submissions must be received no later than January 15, 2021, at 2:00 PM (CST).

Envelopes containing a proposal must be sealed, prominently marked with the RFP number, RFP title, RFP opening Date/Time/date, and name of the Proposer and submitted to:

Hand-delivered to:
Delivery Address:
EVANGELINE Parish School District
ATTN: CONNIE GUILLORY
1123 Te Mamou Road
Ville Platt, La. 70586-5935

2.3 Proposal Response Format and Details.

2.4 Executive Summary.

The one- or two-page executive summary is to describe the Vendor's proposal briefly. This summary should highlight the significant features of the proposal. It must indicate any requirements that cannot be met by the Vendor. The reader should be able to determine the essence of the plan by reading the executive summary. All pages must be numbered consecutively, and the name of the Vendor should appear in the header or footer.

2.5 Detailed Proposal.

This section should constitute a significant portion of the proposal and must contain the following:

- a) The plan must include a complete narrative of the Vendor's assessment of the work to be performed, the Vendor's ability and approach, and the resources necessary to fulfill the requirements. It should demonstrate an understanding of the desired overall performance expectations. Indicate any options or alternatives proposed.
- b) The Vendor must respond to each section and note the subsection. Proposals lacking responses may be rejected. For ease in evaluation, the Vendor's response must immediately follow each item/specification (paragraph, sub-paragraph, etc.). For example, Section 2 describes the General Terms and Conditions. Subsection 2.16 are the conditions for canceling a contract. Vendors that disagree must indicate one of the options in the paragraph below. No response indicates to accept and comply.
- c) Accept and comply - Follow this response with a brief, concise explanation that adequately details Vendor's ability to meet the specified requirement unless the specification/requirement is clearly (unequivocally) a "yes or no," "can do or can't do," "will or will not comply" type of specification, in which case "Accept and comply," without an accompanying explanation, will suffice.
- d) Accept and comply with an exception - Vendor must clearly state the difference between the specification and Vendor's ability to meet the specification's requirement(s).
- e) Cannot comply - Follow this response with sufficient detail that explains why the specification cannot be met.
- f) Exceptions and additions to the Standard Terms and Conditions must be submitted with the proposal response. Exceptions, additions, service level agreements, etc., submitted after the date and time for receipt of proposals will not be considered. The Vendor must submit a redline document identifying the proposed exceptions to the RFP terms and conditions with the proposal submission for review and evaluation purposes. The Vendor must provide the name, contact information, and access to the person(s) that will be directly involved in legal negotiations of the terms and conditions in the proposal response.

2.6 Proposal Copies.

One original and five duplicate copies of each proposal, plus one separate electronic copy in PDF format, must be included in the proposal package. Electronic copies should be submitted on a clearly labeled flash

drive. It is the responsibility of the Vendor to make sure all documents are uploaded to the drive, and all are readable. All materials submitted in the proposal MUST be included in the electronic copy.

2.7 Receipt of Proposals.

The entire RFP must be received at the address specified in this RFP before the Public Bid Opening on January 15, 2021, at 2:00 PM, Central Standard Time, to be considered. Any bids received after proposal opening time will be returned unopened.

2.8 Standards of Quality.

Any product or services proposal shall conform to all applicable federal and state laws and regulations and the specifications contained in the solicitation. Unless otherwise specified in the solicitation, any manufacturer's name, trademark, brand name, or catalog number used in the specifications describe the standard of quality, performance, and characteristics desired and are not intended to limit or restrict competition. Similar products will be accepted. Vendors submitting a proposal must specify the brand and model number of the product offered in their plans. Proposals not specifying brand and model number will not be considered as providing the exact products specified in the solicitation. Objections to the specifications or RFP conditions must be filed in writing and received by the Purchasing Department at least five (5) days before the RFP opening date.

2.9 Descriptive Information.

Vendors submitting a proposal that offers an equivalent brand or model should provide the RFP information, such illustrations, descriptive literature, and technical data sufficient for the School Board's Purchasing Department to evaluate quality, suitability, and compliance with the specifications in the RFP. Failure to submit descriptive information may cause the proposal to be rejected. The manufacturer shall validate any change made to the manufacturer's public specifications provided for a product. If an item or items offered do not fully comply with specifications (including brand and product number), Vendors submitting a proposal must state how the item(s) deviate. Failure to note exceptions on the RFP form will not relieve the successful Vendor(s) from supplying the actual products requested or an equivalent.

2.10 Public Bid Opening.

Vendors submitting a proposal may attend the RFP opening. Still, no information or opinions concerning the ultimate contract award will be given at the RFP opening or evaluation process. Vendors submitting a response to the solicitation, whether successful or unsuccessful, will be provided a copy of the tabulated results.

2.11 Awards.

The DISTRICT reserves the right to award items separately, grouped, or on an all-or-none basis, and reject any or all proposals and waive any informalities. The purchase order and contract mailed or delivered to the successful Vendor is the official authorization to provide the materials, supplies, or equipment.

2.12 Deliveries.

Proposals may be rejected if the delivery time indicated is longer than that specified in the RFP. Platform Delivery FOB Destination means the successful Vendor shall deliver and unload purchased items to the dock of the designated point of receipt. All cartage, drayage, packaging, handling, palletizing, etc., shall be included in the proposal price. Include a copy of the invoice as a packaging list with each shipment.

2.13 Taxes.

The Vendor is responsible for including all applicable taxes in the proposal price. The DISTRICT is exempt from all state and local sales and use taxes.

2.14 New Products.

Unless specifically called for in the RFP, all purchase products must be new, never previously used, and the current and packaging models. No remanufactured, demonstrated, used, or irregular product will be considered for purchase unless otherwise specified in the solicitation. The manufacturer's standard support warranty of 3-years and license agreements up to 5-years should be included in the proposal.

2.15 Contract Renewals.

Upon Agreement of the DISTRICT and the Contractor, a term contract may be extended for two additional twelve-month periods at a price in the contract or the annual validated price and the same terms and conditions in the RFP. In such cases, the total commitment cannot exceed sixty (60) months.

2.16 Contract Cancellation.

The DISTRICT has the right to cancel any contract, by its purchasing rules and regulations, for cause, including but not limited to, the following:

2.16.1 Failure to deliver within the time specified in the contract;

2.16.2 Failure of the product or service to meet specifications, conform to sample quality, or to be delivered in good condition;

2.16.3 Misrepresentation by the Contractor;

2.16.4 Fraud, collusion, conspiracy, or other unlawful means of obtaining any contract with the DISTRICT;

2.16.5 Conflict of contract provisions with constitutional or statutory requirements of state or federal law; or any other breach of contract.

2.16.6 DISTRICT's lack of funding resources

2.17 The Default of the Contractor.

Failure to deliver within the RFP time will constitute a default and may cancel the contract. Where the DISTRICT has determined that the Contractor is in default, the School Board reserves the right to purchase any products or services covered by the Agreement from the next highest scorer, according to the evaluation matrix.

2.18 Order of Priority.

If there is a conflict between the Instructions for Vendors Submitting a Proposal or Standard Terms and Conditions or Special Terms and Conditions, the Special Term and Conditions shall govern.

2.19 Applicable Law.

All contracts shall be construed by and governed by the laws of the State of Louisiana.

2.20 Equal Opportunity.

By submitting and signing the proposal, Vendors offering a proposal must agree that the company will not discriminate in the rendering of services to or employment of individuals because of race, religion, sex, age, national origin, handicap, or disability. Vendors submitting a Proposal shall keep informed of and comply with all E-Rate, federal, state, and local laws, ordinances, and regulations which affect Vendor's employees or prospective employees.

2.21 Indemnity.

The Contractor agrees, upon receipt of written notice of a claim or action, to defend the complaint and to take other appropriate measures to indemnify, and hold harmless, the DISTRICT, and its members, its officers, its agents, and its employees from and against all claims and actions for bodily injury, death or property damages caused by the fault of a contractor, its officers, its agents, or its employees. The Contractor is obligated to repay only to the extent of the responsibility of the Contractor, its officers, its agents, or its employees. However, the Contractor shall have no obligation as set forth above concerning any claim or action from bodily injury, death, or property damages arising out of the DISTRICT's fault, its members, its officers, its agents, or its employees.


3 SPECIAL TERMS AND CONDITIONS (EQUIPMENT, MATERIALS OR SUPPLIES)

3.1 Huawei and ZTE National Security Ban

Vendors must exclude any products manufactured by Huawei or ZTE Technologies, whether under a white-label or the Huawei or ZTE brand or a component within a piece of equipment. On November 26,

2019, [FCC-19-121](#) Order adopts a rule that "no universal service support may be used to purchase or obtain any equipment or services produced or provided by a covered company posing a national security threat to communications integrity networks or the communications supply chain." Accordingly, USF recipients may not use USF funds to maintain, improve, modify, operate, manage, or otherwise support such equipment or services in any way, including upgrades to existing equipment and services

3.2 Suspensions and Debarments.

Persons and companies that have been convicted of criminal violations or held civilly liable for individual acts arising from their participation in the Schools and Libraries (E-rate) Program and other federal programs are subject to suspension and debarment from the program. The Federal Communications Commission (FCC) Suspension and Debarment regulations were announced in the Second Report and Order and Further Notice of Proposed Rulemaking ([FCC 03-101](#)  released April 30, 2003).

FCC rules provide that there are two stages to this process.

- a) First, when the FCC becomes aware that a person or company has been convicted of a crime or judged civilly liable for individual acts arising out of that person's participation in the program, the FCC suspends that person or company from activities related to the program. The FCC issues a Public Notice of Suspension and Proposed Debarment. USAC maintains a list of persons and companies (see below) who has been suspended, along with a link to the notice on the FCC's website. The suspension's announcement informs the suspended person or other interested parties that they have 30 days to oppose the proposed debarment.
- b) The second stage of this process is the actual debarment. The FCC will, absent extraordinary circumstances, notice a decision to debar within 90 days of receiving any information from the person proposed for debarment. The notice will specify the duration of the debarment. USAC will maintain a list of persons and companies that have been debarred, along with a link to the announcement on the FCC's website.

3.3 Contractual Period.

The DISTRICT intends to award all items for an initial period, not to exceed thirty-six (36) months with two 12-month optional extensions. Delays in awarding beyond the anticipated starting date may change the contract period. If such a situation occurs, an award may be made for less than thirty-six (36) months.

3.4 Quantities.

DISTRICT has provided an estimate of quantities needed over a five (5) year time span. These estimates are based on changing out products during the life of the contract, opening new sites, shifts in enrollments, and adding more end-user devices on the Network. These estimates may increase or decrease as more educational technologies emerge.

3.5 Non-Exclusivity Clause.

This Agreement is non-exclusive. It shall not in any way preclude the DISTRICT from entering into similar agreements or arrangements with other Vendors or from acquiring the same, equal, or like goods or services from other entities or sources, including state contracts.

4 EVALUATION PROCESS

4.1 All responses received due to this RFP are subject to evaluation by the DISTRICT Evaluation Committee to select a Vendor to provide services and products as described in this RFP.

4.2 A committee with expertise in various areas will evaluate proposals that meet the qualifications described in this RFP. If required, written or oral discussions may be conducted with any or all the Vendors to decide the most cost-effective solution.

4.3 Mandatory Administrative Evaluation

All proposals will be reviewed by an Administrative Evaluation Team to determine compliance with compulsory administrative requirements as specified in the RFP. Bids found not to be compliant may be rejected from further consideration.

4.4 Discussions/Presentations

Written or oral discussions will be conducted with Vendors determined to be qualified to select the award. Written or oral discussions/presentations for clarifications may be undertaken to enhance the DISTRICT's understanding of any or all components of the proposal submitted. The DISTRICT reserves the right to conduct a Round 1 and Round 2 Evaluation. The same evaluation criteria will be used in both rounds.

4.5 Cancellation.

The DISTRICT reserves the right to cancel any contract within thirty (30) days for a good cause.

4.6 Evaluation Criteria

Proposals that pass the preliminary screening and mandatory requirements will be evaluated on the plan's information. The evaluation of each response will be based on its competence, compliance, format, and organization as it relates to the evaluation criteria below:


	Criteria	Maximum Score
1	Qualifications and Experience	20
2	Approach and Methodology	15
3	Proposed Technology/Solution and Perceived Value	15


4	Management Team Capabilities and Qualifications	20
5	Pricing	30
	Total	100

5 PRICING

5.1 Lowest Corresponding Price.

Service providers must comply with the FCC rules for Lowest Corresponding Price (LCP). For this RFP, Lowest Corresponding Price (LCP) is defined as the lowest price that a service provider charges to nonresidential customers who are similarly situated to a particular applicant (school, library, or consortium) for similar services. See 47 C.F.R. § 54.500.

A similarly situated applicant is one that is located in the service provider's geographic service area (i.e., the area in which the service provider is seeking to serve customers with any of its Schools and Libraries (E-rate) Program services). See [First Report and Order](#) , 12 FCC Rcd 8776, 9032, para. 486.

Similar services include those provided under a contract, as well as those provided under Trump Tariff. First Report and Order, 12 FCC Rcd 8776, 9032, para. 485. See also [Fourth Order on Reconsideration](#) , Report, and Order 13 FCC Rcd 5318, 5398, para. 133.

Service providers cannot charge applicants a price above the LCP for E-rate Program services. See 47 C.F.R. § 54.511(b).

Further details on LCP may be obtained at USAC's website:

<http://www.usac.org/sl/service-providers/step02/lowest-corresponding-price.aspx>

5.2 Best and Final Offer.

The DISTRICT reserves the right to conduct a BAFO with one or more Proposers determined by the evaluation committee to be reasonably susceptible to being selected for an award. If a BAFO is undertaken, the Vendor(s) selected will receive written notification of their selection, with a list of specific items to be addressed in the BAFO along with instructions for submittal. The BAFO negotiation may help clarify the work scope or obtain the most cost-effective pricing available from the Proposers. The evaluation criteria for a BAFO will be the same as the evaluation used in the first assessment.

5.3 Tariffs and Manufacturer Suggested Retail Pricing (MSRP).

The DISTRICT seeks unit pricing proposals for Category 2 E-rate eligible products and services during an uncertain economic climate due to pending Tariffs. At the same time, the DISTRICT desires a 36-month contract with two optional extensions.

The DISTRICT realizes future increases in tariffs may lead to increased pricing by manufacturers, and vendors (resellers) may be hesitant to submit quotes for longer than 12-months or, in some cases, may not be able to honor the pricing for the length of the Agreement.

It is for these reasons the DISTRICT is requiring all pricing to include the MSRP. The baseline price will be set by the initial MSRP in the first year and will be used to evaluate the impact of any future tariffs. If a manufacturer increases its MSRP during the life of any resulting contract, the Vendor may request an annual review of the unit pricing for the original item approved. The request must be sent in writing to the Director of Information Technology.

The annual review may only be requested if the proposal INCLUDES the original equipment manufacturer verification of the MSRP in the proposal submitted in response to this RFP. If the plan does not include the MSRP, consideration for the review will be denied by the DISTRICT, and the original contract pricing will be used to apply for E-rate funding annually.

The request MUST be made in writing before December of the upcoming E-Rate funding year. If a price increase is validated in the manufacturer's writing and an increase in the MSRP is proven, the percentage of inflation between the baseline price established for E-Rate funding year 2020. The rate of growth will be used to determine the unit price for the upcoming E-Rate funding year.

If the Vendor is "white labeling" a product listed in a proposal, the MSRP procedure above will apply.

5.4 Federal Funding.

For RFPs issued by DISTRICT representing items to be purchased using Federal funding, accepting and signing this RFP form certifies that the Vendor submitting a proposal and the names of officers, directors, and any employees of the Vendor do not appear on the EPLS. EPLS is the electronic version of the Lists of Parties Excluded from Federal Procurement and Non-procurement Programs (Lists), which identifies those parties excluded throughout the U.S. Government (unless otherwise noted) from receiving federal contracts or certain subcontracts and from certain types of federal financial and nonfinancial assistance and benefits.

Unless otherwise specified by the DISTRICT in the RFP, prices must be full, including transportation prepaid by Vendor submitting the offer to destination and firm for acceptance for a minimum of 45 days. If accepted, costs must be firm for the contractual period unless an annual review validates an increase. Proposals other than Platform Delivery F.O.B. destination may be rejected. Prices are to be proposed on a unit of measure requested, per item, per hour, per drop, etc., as specified in the RFP.

6 OVERVIEW OF SERVICES.

6.1 EVANGELINE PARISH SCHOOL DISTRICT would like to receive information and proposals for:

- 6.2 Category 2-Internal connections to continue upgrading the Wi-Fi networking infrastructure in all school sites over the next 36 to 60 months and to purchase 5-year new and renewal licenses. The DISTRICT is also seeking 36-month manufacture support warranties for new and existing equipment.
- 6.3 This Request for Proposal (RFP) is issued to invite Vendors to submit information and proposal(s). Issuance of this RFP in no way constitutes a commitment by the DISTRICT to select a Vendor and award a contract. The DISTRICT reserves the right to accept or reject any or all proposals submitted. Acceptance of any plan with contractual terms is dependent on the DISTRICT School Board approval, E-Rate funding, and appropriation of funds by the DISTRICT.
- 6.4 The DISTRICT's technology goals specify that all of the schools will provide campus-wide wireless and wired local area network and high-speed Internet access to all students, faculty, and stakeholders. As a strategy to this goal, the DISTRICT will continue to maintain and upgrade internal connections (connections include, but are not limited to, caching servers, routers, switches, access points, wiring, and related components, and uninterruptible power supplies) to facilitate data transport to all schools and administrative offices.
- 6.5 EVANGELINE Parish School Board requests a centrally managed wireless solution. The wireless solution will be Aruba IA-315 and 325 or equivalent. Vendors are encouraged to offer a wide variety of options, Aruba, or equivalent wireless options. The DISTRICT prefers a turn-key solution.
- 6.6 AP'S are to be installed throughout the campuses, which includes classrooms, GYM's, and auditoriums. All equipment must work with existing switch infrastructure. We are also requesting the installation and configuration of this equipment. The DISTRICT reserves the right to select multiple vendors.
- 6.7 It is essential to the DISTRICT that Vendors meet the expectations as outlined in this RFP, especially the requirements for saturated wireless access.
- 6.8 Any design's primary objective should ensure that bottlenecks do not occur at the wireless access point under the specified conditions. The Network should support up to 1500 or more simultaneously connected devices in classrooms, auditoriums, libraries, gyms, cafeterias, and common areas. Clients must be able to roam across individual campuses without needing to refresh DHCP. Should any Vendor propose a solution that does not meet the specifications listed below, the Vendor must provide sufficient documentation that the DISTRICT's objective will be met with its solution.
- 6.9 Proposals should include a centralized method of managing and controlling wireless access to all wireless access points.

- 6.10 Proposals should include a realistic assessment of actual access points and Cabling and other equipment necessary to support the wireless needs outlined above. Technical specifications of equipment should be provided with the proposal.
- 6.11 The proposal must guarantee performance sufficient to fulfill the needs of the DISTRICT as requested within the RFP. After implementing the successful Vendor's proposal, if additional equipment, Cabling, or labor is needed, the Vendor will bear all costs necessary to satisfy the requirements of this RFP.
- 6.12 The Vendor's responsibility is to ensure that the equipment proposed meets the manufacturer's performance specifications and the previously stated requirements. The DISTRICT will not release the Vendor from the performance guarantee required above because of malfunctions or defects in equipment due to manufacturer error or flaws in the material or design.
- 6.13 Because of the diversity of possible solutions, the DISTRICT requests detailed proposals to accomplish the tasks described in the RFP. Specifications in this RFP are general and minimal to allow proposals to be as innovative as possible.
- 6.14 The name of the contract or subcontractor performing the cabling work must be included in the proposal. The bid must consist of the cabling company's reference, including direct contact information. Submissions not having this information will be disqualified from bidding.
- 6.15 All technology equipment included in any Vendor's proposal must be new equipment and purchased from the manufacturer. No grey market, third party, or used equipment will be considered.
- 6.16 Proposals must include proof of authorization to resell and install the products being proposed.

7 SPECIFICATIONS OF WIRELESS INFRASTRUCTURE.

- 7.1 Access Points (APs) – The DISTRICT is seeking bids quotes for Aruba IA-305 wireless access points or equivalent with 5-year licenses to include any required controller and 3-year support warranty, if available. Vendors are encouraged to submit proposals for various Aruba or equivalent indoor and outdoor access points.
- 7.2 802.11ac Wave 2 - Wi-Fi – Dual or Equivalent
- 7.3 Minimum Specifications for Wireless Access Points:
- 7.4 Dual Radio 802.11ac Access Point with Multi-User MIMO Supports up to 1,300 Mbps in the 5GHz band (with 3SS/VHT80 clients) and up to 300 Mbps in the 2.4GHz band (with 2SS/HT40 clients).

7.5 Software-configurable dual radio supports 5GHz (Radio 0) and 2.4GHz (Radio 1)

7.5.1 QoS features, Cloud Management

7.6 5GHz: Three spatial stream Single User (SU) MIMO for up to 1,300 Mbps wireless data rate to individual 3x3 VHT80 client devices

7.7 5GHz: Two spatial stream Multi-User (MU) MIMO for up to 867 Mbps wireless data rate to up to two (1x1 VHT80) MU-MIMO capable client devices simultaneously

7.7.1 4-stream 802.11ac Wave 2, up to 2.5 Gbps.

7.7.2 Two × Gigabit Ethernet port.

7.7.3 PoE: 802.3at.

7.7.4 A seating-to-AP ratio of 20:1 shall be applied to all classrooms.

7.7.5 Office areas, large rooms, conference rooms, common areas, cafeterias, gyms, etc., shall have a seating-to-AP ratio of 15:1 to accommodate large-group testing. The exact AP count requirement shall be determined by the DISTRICT AFTER all proposals and pricing is reviewed. The DISTRICT has limited resources to pay the non-discount share.

7.7.6 Access Points shall be installed in hallways and other areas where needed to provide the ability to roam anywhere within locations without losing connection.

7.7.7 Access points shall have a minimum of three transmitters, three receivers, and three 802.11ac spatial streams (4x4:3 MU/SU-MIMO).

7.7.8 All access points shall support dual-band, a two-radio operation such that 2.4 GHz and 5 GHz operations are supported concurrently.

7.7.9 The installed wireless access points shall support advertising a minimum of seven SSIDs simultaneously.

7.7.10 The installed solution shall support auto-channel selection for all access point radios and comply with US government Dynamic Frequency Selection (DFS) requirements.

7.7.11 The installed solution shall allow administratively defining the set of channels used for auto-assignment of both 2.4 GHz and 5 GHz operations.

7.7.12 The solution must support 40MHz-wide channels in 5GHz for 802.11n and 80MHz-wide channels for 802.11ac.

7.7.13 The installed system shall restrict the channels used for auto-channel assignments at both global and user-defined group levels.

7.7.14 The installed solution shall support auto-power and customized selection for access point radios.

- 7.7.15 The installed solution shall support load balancing wireless clients across multiple radios.
- 7.7.16 The installed solution must support AP enforced band steering between 2.4Ghz and 5Ghz band.
- 7.7.17 The system shall be able to control IP multicast.
- 7.7.18 APS shall handoff IP traffic to the local switch and not routed through the controller.
- 7.7.19 Wireless access points shall connect to the wired Network with a minimum of a 1000BASE-TX full-duplex Ethernet.
- 7.7.20 Wireless access points shall support auto-provisioning via DHCP attributes or DNS queries, wireless controllers adopt access points, and fully functional without manual configuration.
- 7.7.21 All access points shall comply with 802.3at Power-over-Ethernet standards.
- 7.7.22 System design shall prevent user loss of connectivity in the event of controller /internet failure.
- 7.7.23 Access points shall support over-the-air packet captures without impairment or degradation of client services.
- 7.7.24 Access points shall support rogue access point detection without impacting client services.
- 7.7.25 Access Points in all recreational areas shall be installed within an enclosure capable of withstanding a direct hit from a hard or large ball. The cabinet shall not interfere with APs radio transmissions and must have an industrial design for durability, industrial-grade antenna connectors, and locking options.
- 7.7.26 Access Points shall have internal antennas unless otherwise approved by the DISTRICT.
- 7.7.27 Access Points shall minimally support 802.11n simultaneously on both the 2.4 GHz and 5 GHz radios.
- 7.7.28 Access Points shall minimally Support 802.11ac Wave 1 on 5 GHz Radio.
- 7.7.29 Must include beam-forming functionality for at least 802.11 a/g/n/ac clients.
- 7.7.30 Must support minimally UNII-2 and UNII-2 Extended bands of 5 GHz.
- 7.7.31 Must incorporate radio resource management for power, channel, coverage hole detection, and performance optimization.
- 7.7.32 Must support Proactive Key Caching and other methods for fast, secure roaming.
- 7.7.33 Must support 802.11w Management Frame Protection.

- 7.7.34 Shall support locally significant certificates on the APs using a Public Key Infrastructure (PKI).
- 7.7.35 Must support the ability to serve clients and monitor the RF environment concurrently.
- 7.7.36 Based on the on-site requirements, all sites that require plenum-rated shall meet the UL2043 standard.
- 7.7.37 The wireless system must be capable of client tracking rogue location and interference reporting.

8 ACCESS POINT OPTIONS.

- 8.1 The selected Vendor shall make available all-new access point technologies when ratified and available to meet the DISTRICT's needs for the contract term. Unit pricing bids for Generation 6 wireless access points will be considered.
- 8.2 The selected Vendor shall make available additional access points explicitly for large areas and outdoor access points to meet the DISTRICT's needs for the contract term.
- 8.3 Anyone or a combination of access points may be selected for implementation.
- 8.4 The DISTRICT may award a contract for 36-months with two optional extensions; therefore, Vendors are encouraged to provide pricing for the WI-FI6 802.11 ax.

9 ANTENNAS, CONNECTORS, AND COMPONENTS

- 9.1 The DISTRICT requests all mounting brackets, protective cages, and other items as needed to install the access points.

10 CABLING

- 10.1 The District school sites were built throughout several decades and had varied construction materials. Some materials shall not be disturbed, and wiring installations must be performed around these areas.
- 10.2 All wiring and installations shall adhere to the specifications as outlined in the District.
- 10.3 All new access points shall be installed with data wiring, as described in the RFP.
- 10.4 Existing access point wiring shall be removed from the patch panel and removed from the Intermediate Distribution Frame (IDF) and Main Distribution Frame (MDF) cabinets.
- 10.5 Existing patch cords shall be removed from the existing switch and patch panels.
- 10.6 All cables, fiber jumpers, patch cords, patch panels, cabinets, connectors, etc., shall be provided as required to connect all installed equipment.

- 10.7 The selected Vendor shall make available additional/new wiring, wiring installation, and wiring repairs and maintenance, specified or not, that may be required to meet the needs of the District for the term of the contract.
- 10.8 Vendors must supply and install an approximate size of a 3-meter factory patch cable to a patch panel and supply and install patch panels specific to the certified structured connectivity solution. All wires must terminate directly back to a single distribution closet, if possible.
- 10.9 Cabling must be appropriately labeled and not exposed.
- 10.10 The District

11 SOFTWARE, SUPPORT, LICENSES, WARRANTY.

- 11.1 The Vendor shall offer software that provides ease of management of networking devices. The software should be requested under the same category as the associated equipment being installed or obtained (e.g., Licenses, Operating).
- 11.2 For any proposed software, provide a detailed functional description of the software modules and quantity of each of the software modules, the unit price of the software modules, the unit price of any annual maintenance and support, or any other reoccurring cost total amount of the software.
- 11.3 For the proposed solution, indicate which components (hardware, software, and services) are mandatory. If optional, clearly state what if any proposed solution's functionality would be omitted unless the component is included in the proposed solution.
- 11.4 If applicable, all switches must include quotes for 3-year support warranties and 5-year licenses.

12 PROJECT PLAN MANAGEMENT.

- 12.1 Contractor shall provide, at a minimum, the following project management functions:
- 12.2 Provide Project Management
- 12.3 The Contractor will provide day-to-day project management using best management practices for all tasks and activities necessary to complete the Work Statement.
- 12.4 Provide a Project Work Plan
- 12.5 The Contractor shall develop and maintain a Project Work Plan, which breaks down the work to be performed into manageable phases, activities, and tasks as appropriate. The work plan will identify activities/tasks to be performed, project personnel requirements (both the DISTRICT and Contractor), estimated workdays/personnel hours to complete, expected start and completion dates. Scheduled completion dates for each deliverable shall specifically be

included. Written concurrence of both parties will be required to amend the Work Plan. The Project Work Plan shall be approved by the DISTRICT before project payments are made.

12.6 Provide Project Progress Reports

The Contractor shall submit monthly progress reports signed by the Contractor's Project Manager to the DISTRICT, no later than ten days after each calendar month's close. Each progress report shall describe the status of the Contractor's performance since the preceding report, including the products delivered, descriptions of problems encountered with a plan for resolving them, the work to be accomplished in the coming reporting period, and identifying issues requiring management attention, particularly those which may affect the scope of services, the project budget, or the deliverables to be provided by the Contractor. Each report shall identify activities by reference to the Project Workplan.

12.7 Provide Time Sheets

Accompanying each Progress Report, the Contractor shall submit to the DISTRICT documents such as timesheets identifying the individual's name performing the work.

12.8 The Vendor shall submit asset ledgers to the DISTRICT upon completion of work at each site. Asset ledgers must comply with all E-Rate rules. (e.g., make, model, serial number, the reference number of the invoice, and physical location of each piece of equipment sold and installed.)

12.9 Asset Tagging and labeling of the equipment is critical during an E-Rate audit. The Vendor will apply the labels and work with the DISTRICT to create the correct labeling. In some cases, the DISTRICT will supply the asset tags.

13 ORDER OF INSTALLATIONS.

13.1 The DISTRICT shall specify and provide the installation sequence order of all sites.

13.2 The Vendor shall install sites in the order as specified by the DISTRICT.

13.3 It may be necessary for multiple sites to be installed simultaneously.

13.4 The number of sites to be installed at any one time may vary during the project and shall depend on the acceptance of other completed sites and the Approval to Proceed by DISTRICT.

14 ON-SITE REQUIREMENTS.

14.1 All Vendors shall sign-in at the main office of the site before beginning activities. Site credentials may be issued and may be required to be displayed at all times.

- 14.2 All sites must be thoroughly cleaned each day and placed back in the original order. The work area shall remain clean at all times.
- 14.3 Shipping boxes and other trash and debris shall be removed from the site each day and disposed of off-site.
- 14.4 Dumpsters belonging to the site or located in the surrounding area shall not be used.

15 INTERACTION WITH STUDENTS

- 15.1 *** ANY INTERACTION WITH STUDENTS BY THE VENDOR and ANY REPRESENTATIVE IS STRICTLY PROHIBITED.
- 15.2 The Vendor is expected to supervise and exercise control over any employee or subcontractor employed and shall be held responsible for both employees and subcontractors' actions and activities.
- 15.3 While working on-site at a DISTRICT school, annex, or another student educational facility, the Vendor, its personnel, and subcontractor(s) staff must wear identification badges or a uniform with a logo identifying the company at all times when working on any DISTRICT property.
- 15.4 A Vendor shall not enter any DISTRICT site without a scheduled visit. The visits will be scheduled by the Director of Technology or his/her designee.

16 REQUIREMENTS.

- 16.1 Proposers are required to submit a proposal detailing their project plan based on the specifications and information addressed in this RFP, attachments.
- 16.2 Questions.
- 16.3 All questions must be emailed to the contact listed, and the email must contain an attachment on the company letterhead stating the issue(s). Vendors emailing questions in the body of an email will not receive a response. NO PHONE CALLS WILL BE ACCEPTED. ALL CORRESPONDENCE MUST BE IN WRITING.

17 MINIMUM CONTRACTOR QUALIFICATIONS.

- 17.1 The following skill sets and qualifications must be provided. As a person may possess multiple areas of expertise, a Contractor must indicate a separate spreadsheet, the proposed resource, and the work each will perform.
- 17.2 Each network staff assigned must pass the State Police Background check to access our servers located in the secured computer room at the DISTRICT Operation Center.
- 17.3 Fully qualified to participate in the E-Rate Program

- 17.4 Registered to do business in Louisiana and are in good standing with the Louisiana Secretary of State's Office
- 17.5 Technical support staff located in Louisiana

18 REQUIREMENTS FOR ALL OPTIONS.

- 18.1 Separate costs for travel and expense charges are not allowed at any time.
- 18.2 Any cost not specified shall not be considered or paid by the DISTRICT.
- 18.3 All pricing shall be provided as options that may be selected anytime during the term of the contract.
- 18.4 Pricing shall be listed by the following categories and shall include unit price and extended cost.
- 18.5 ALL Proposals Must include the pricing form. The pricing form MUST appear in the last section of the proposal and be clearly labeled "PRICING."

19 PROPOSAL FORMAT

- 19.1 Each Vendor submitting a proposal shall submit an original proposal plus **three** copies and one electronic copy of the proposal in a sealed envelope prominently marked with the Request for Proposal number, title, the due date, time, and the name of the organization submitting the response. **Responses shall be on 8-1/2" x 11" paper, and the electronic copy must be in PDF format saved to a Compact Disc (CD) or USB drive.**
- 19.2 The proposal must include the cover sheet on Page 29, a completed non-collusion form on Page 30. The Cover page MUST appear in the Beginning Section of the Proposal, and all other forms MUST appear in the last section of the proposal.
- 19.3 Vendors are encouraged to provide details about technical staff qualifications, E-Rate personnel and training, locations of technical support offices, and other areas of importance to an evaluation committee. Vendors must include a minimum of 5 references from K-12 School DISTRICTs. The proposal MUST include all contact information for each reference and the length of time the company has provided WAN and Internet Access services to each DISTRICT.
- 19.4 Proposals shall be submitted to the address listed in the event schedule. Proposals received later than the date and time in the event schedule will be returned to the sender unopened. Facsimile (fax) copies of submittals will **not** be accepted.
- 19.5 Proposals shall be submitted to the address listed in the event schedule. Proposals received later than the date and time in the event schedule will be returned to the sender unopened. Facsimile (fax) copies of submittals will **not** be accepted.

- 19.6 The DISTRICT reserves the right to accept or reject any or all proposals in their entirety or any portions(s) and waive any informality or irregularity in the Request for Proposal. As the DISTRICT is applying for "E-Rate" funding, the final decision to award or reject may be linked to the approval of the "E-Rate" application and granting of full funding commitment allowed by the Universal Service Fund through the "E-Rate" program. Vendors shall be responsible for all expenses they may incur in preparing proposals. All proposals submitted to the DISTRICT shall remain the property of the DISTRICT.
- 19.7 The DISTRICT's obligation herein is contingent upon receipt by the DISTRICT of the full funding commitment allowed by the Universal Service Fund through the "E-Rate" program. No legal liability on the DISTRICT for payment of any money shall arise unless and until funds are made available for this procurement through the "E-Rate" Program. The DISTRICT may award a contract for all requirements outlined in the RFP, or any portion thereof, contingent upon the Schools and Libraries Division's funding level.
- 19.8 In connection with all work performed under Purchasing Contracts, the DISTRICT policy shall be no discrimination against any prospective or active employee engaged in employment because of race, color, ancestry, national origin, sex, or religious creed. Therefore, the Vendor(s) agrees to comply with applicable Federal and Louisiana laws, including, but not limited to, the Louisiana Fair Employment & Housing Act. Also, the successful Vendor(s) agrees to require compliance by all subcontractors employed on the job by him/her.
- 19.9 Responses that do not comply with instructions and forms may be eliminated from further selection.

EVANGELINE PARISH SCHOOL DISTRICT CATEGORY 2 RFP								
PRODUCT OR SERVICE	MAKE AND MODEL	QTY	UNIT PRICE	INSTALL PER ITEM	MSRP	E-RATE ELIGIBLE, INELIGLE, COST ALLOCATION	EXTENDED COST	REFERENCE PAGE NUMBER IN PROPOSAL OR WEBLINK WITH SPECIFICATIONS
Access Points		1						
Option 1		1						
Option 2		1						
Option 3		1						
Switches (POE)		1						
8 Port		1						
12 Port		1						
24 Port		1						
48 Port		1						
Antenna, Connectors		1						
SFP		1						
Other		1						
Cabling (Fiber)		1						
50'		1						
100'		1						
200'		1						
300'		1						
Cabling (Non-Fiber Cat. 6)		1						
Less than 10.'								
50'		1						
100'		1						

EVANGELINE PARISH SCHOOL DISTRICT CATEGORY 2 RFP

300'		1						
Cabling (Conduit)		1						
50'		1						
100'		1						
300'		1						
Racks		1						
Option 1		1						
Option 2		1						
Option 3		1						
UPS		1						
Option 1		1						
Option 2		1						
Option 3		1						
Option 4		1						
Option 5		1						
Option 6		1						
Software		1						
Operating Software		1						
Manufacture Licenses(60-Mths)		1						
Manufacturer Support Warranty (3) Years		1						
Specify Make and Model Of Equipment		1						
Professional Services		1						
Project Management		1						

EVANGELINE PARISH SCHOOL DISTRICT CATEGORY 2 RFP

Asset Ledger		1						
Tagging of Equipment		1						
Other Services		1						
Renewal of One-Year Support Warranty, if required.		1						
Other Costs		1						
Other Costs		1						
Other Costs		1						
Other Costs		1						
Other Costs		1						
Other Costs		1						
Other Costs		1						
Other Costs		11						
Other Costs								

20 BID FORM (REQUIRED)

**BIDDERS QUALIFICATIONS
(FORM OF BUSINESS ORGANIZATION)**

The form of business organization under which this bid is submitted is as follows:

A CORPORATION incorporated under the laws of the State Virginia and (is) (is not) authorized to do business in the State of Louisiana.

A PARTNERSHIP Name of Partners: _____

AN INDIVIDUAL trading and doing business under a name and style other than his own The Owner's name is:

The undersigned now affirms that (1) he/she is a duly authorized agent of the Vendor, (2) he/she has read all terms and conditions and technical specifications which were made available in conjunction with this solicitation and fully understood and accepts them unless specific variations have been expressly listed in his/her offer, (3) that the offer is being submitted on behalf of the Vendor following any terms and conditions outlined in this document, and (4) that the Vendor will accept any awards made to it as a result of the offer submitted herein for a minimum of ninety calendar days following the date of submission.

(Please Type or Print Below)

LEGAL NAME OF BIDDER Presidio Networked Solution, LLC

MAILING ADDRESS 12120 Sunset Hills Road, Suite 150

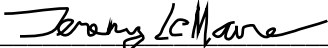
CITY, STATE, ZIP CODE Reston, VA 20190

TELEPHONE NUMBER 985-264-7500

EMAIL ADDRESS jlemaire@presidio.com

FAX NUMBER 407-455-7843

CONTACT PERSON TITLE Jeremy LeMaire

AUTHORIZED REPRESENTATIVE (SIGNATURE) 

NAME (TYPE/PRINTED) Jeremy LeMaire

TITLE OR SIGNER Account Manager

DATE BID SIGNED January 15, 2021

ACKNOWLEDGE OF ANY ADDENDA RECEIVED:

ADDENDUM TO: _____ DATE _____

ADDENDUM TO: _____ DATE _____

21 NON-COLLUSION STATEMENT

State of Louisiana

EVANGELINE Parish School District

I do now attest that I (a partner of the firm, an officer of the corporation, or individual making the foregoing proposal); that said proposal is genuine and not collusive or sham; that said Proposer has not colluded, conspired, conspired, or agreed, directly or indirectly, with any other Proposer or person to put in a sham proposal or to refrain from the proposal, collusion, or communication or conference, with any person, to fix the proposal price or to fix any overhead, profit or cost element, or that of any other Proposer, or to secure any advantage against any person interested in the proposed contract, and that all statements contained in the said proposal or proposal are true.

Company: Presidio Network Solutions, LLC

Signature: 

Printed Name: Jeremy LeMaire

Title: Account Manager

TAB 2

Presidio RFP Response

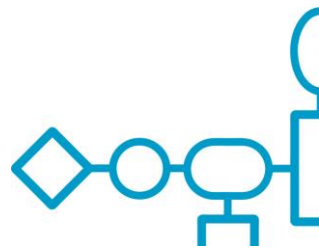


Table of Contents	Page
1 Executive Summary	3
2 Provider Information.....	4
History and Current Organization of Equipment Distributor	4
Person/s Responsible for clarifying responses to this RFP:.....	4
Qualifications of Support Personnel providing Installation Assistance	5
History and Current Organization of Equipment Manufacturer	6
3 References	7
4 Cabling Subcontractors.....	<input type="checkbox"/>
5 Equipment/Software	10
6 Customer Service Support Plan.....	13
7 Presidio Installation	14
8 Presidio Project Management	15
<input type="checkbox"/> Presidio Legal Adds or Changes	16
10 Presidio and Cisco	17

1 Executive Summary

Presidio Networked Solutions, Inc. (Presidio) has been in business since 1986 and many people that are supporting this request have worked with you in some capacity. As one of the largest CISCO Gold Partners in the United States, we have the experience and knowledge to deliver a solution that will adhere to the needs of Evangeline Parish School Board for now and in the future.

We have several education customers both locally and nationwide that we have done business with for many, many years. A few of our education accounts are Louisiana State University (LSU), University of Arkansas, Caddo Parish Schools, Jackson Parish Schools, Springdale Public Schools, Delta State University, Oxford City Schools. Here is a link to some of the Presidio's Success Stories (<http://www.presidio.com/government-industries/industries/education>).

E-Rate SPI ☐ ☐ 143015315

Louisiana State Contract - Cisco 40 ☐ 34 ☐

Arkansas State Contract – Cisco SP110085

Mississippi State Contract – Cisco EPL 40731058-3760

Oklahoma State Contract – Cisco ITSW1006C

More contracts can be found at <https://www.presidio.com/page/746/state-local-contract-vehicles>

Presidio has put together a team that will support this project during the time requested in the RFP. Per Presidio's Best Practice, should Evangeline Parish School Board choose our solution, there will be a Project Manager assigned to work closely with Evangeline Parish School Board's staff so that we minimize any service disruption as we have done for many Public and Private Sector customers.

Documentation and knowledge transfer are a key to success and will be given through technical training and implementation assistance per RFP. Knowledge Transfer is given pre-installation, during and post-installation in an effort to assist Evangeline Parish School Board's staff. All of these sessions will be at NO COST to Evangeline Parish School Board

Agreed to by Reseller:

Signature		Date: <u>January 15, 2021</u>
Print Name	Jeremy LeMaire	
Title	Account Manager	
Company Name	Presidio Networked Solutions LLC	
Corporate Address	12120 Sunset Hills Road, Suite 150 Reston, VA 20190	

2 Provider Information

History and Current Organization of Equipment Distributor

Person/s Responsible for clarifying responses to this RFP:

Jeremy LeMaire	Account Manger	337-257-8508	jlemaire@presidio.com
Joel Murphy	Solutions Architect	205-533-8495	jemurphy@presidio.com

Presidio has been in business for 25 years, Cisco partner/authorized dealer for 20+ years, 2000+ IT professionals including over 1000 highly certified consulting engineers, 3500+ technical industry certifications, local delivery model with 50+ offices located across the United States, 15+ years of sustained annual double-digit growth rates, and annual sales of 2.5+ billion.

Current E-Rate SPI ☐ ☐ 143015315

Cisco Contracts:	
Arkansas State Contract - SP110085	Mississippi State Contract – 40731058-3760
Louisiana State Contract - 40 <input type="checkbox"/> 34 <input type="checkbox"/>	Oklahoma State Contract - ITSW1006C

Presidio-- Practical thinking for a connected world. Everything is connected. And this connectivity is changing the way everyone does business. We see in this transformation not just complexity, but also opportunity. Not merely the risk, but also the potential for unlimited possibilities. We understand that the backbone of this unprecedented level of connection is Information Technology.

At Presidio, we think, architect, implement, and support the practical reality of advanced technologies every day. By taking the time to deeply understand how your business works, we architect transparent, enduring technology solutions that meet your immediate needs – and prepare you for tomorrow.

As one of the largest solutions providers in the U.S., we combine experience and stability with regional expertise and service, so you can rest assured we'll be there to help you locally with the ability to cover your global business needs. We are not just trusted partners we enable new thinking.

Discover more at www.presidio.com and follow us on Twitter @presidio.



Qualifications of Support Personnel providing Installation Assistance

Proposed Project Personnel and Qualifications	Typical Project Responsibilities
Jeremy LeMaire Account Manager	Jeremy LeMaire is your Presidio Account Manager who has the ultimate responsibility for account transition and day-to-day operations, understanding the work flow of requirements from engineering, to purchasing, and to logistics, ensuring continuity of processes through customer operations. Your Presidio AM will be responsible for reviewing, analyzing, and measuring cost analysis for the project and overall account success.
Joel Murphy Senior Solutions Architect	Joel Murphy is a senior solutions architect in the Presidio OLA Territory. His areas of expertise revolve around network infrastructure including but not limited to route, switch, security and collaboration.
Edria Nelson Project Manager	Edria Nelson is responsible for managing the Presidio resources. She will function as the point of contact for the client's facilities. The PM hold a kick-off meeting to establish project timelines, identify project dependencies and critical path tasks. The PM will create a detailed project plan outlining the project tasks, milestones and resource requirements, and will hold regularly scheduled meetings to track the progress of the project. In addition, the PM also functions as the first line of escalation for any issues related to the project.
Casey Poulos Inside Sales Representative	As the Inside Sales Representative, she is responsible for all aspects of daily interactions with customers for quoting and order support, accounting, and other duties.
Chad Curtis Director of Engineering	As the Director of Engineering for Presidio's OLA Region, all engineers and project managers report to him. His vast experience allows him a deep insight into the needs of clients, vendors, and engineers.
Kristine O'Brien Senior Consulting Principal	Kristine O'Brien is a Senior Network Engineer with comprehensive experience in presales, design, project delivery, project management, and support. She will be used as a remote technical escalation point for the on-site Presidio engineers.

3 References

E-Rate business has been a primary focus of Presidio's for many years, which has increased our fluency with E-Rate, and deepened our experience supporting education sector customers. We supported more than 200 different school districts with their technology needs just this past year. Our project managers and engineering resources are experienced in managing and delivering multiple projects for districts of all sizes. Presidio's ability to design, install, manage, and support highly reliable, highly available, fault-tolerant networks is demonstrated by our vast array of Cisco deployments for multiple commercial, Federal, state and local governmental clients, including K-12 educational entities as demonstrated in the list in Exhibit 1.

Exhibit 1: Partial Listing of Presidio's K-12 Educational Clients (AR, LA, MS, and O)

Banner School District	Greenwood School District	Panama Independent School District
Beauregard Parish School District	IDEA Public Schools Louisiana	Putnam City Independent School District
Bentonville School District	Itawamba County School District	Redesign Schools of Louisiana
Blytheville School District	Jackson Parish School District	Russellville School District
Brookhaven School District	Jenks Independent School District	Sabine Parish School District
Caddo Parish School District	Lafayette Parish School District	Sallisaw Independent School District
Cedar Creek School	Lawton Public School District	Seminole Independent School District
Central Arkansas Library System	Lincoln County School District	Springdale Public School District
Claiborne Parish School District	Lincoln Parish School District	Tulsa Independent School District
Conway Public School District	Little Rock School District	Verdigris Independent School District
Fayetteville School District	Oklahoma City School District	Vicksburg Warren School District
Great Plains Technology Center	Oxford City School District	Western Heights School District

Here are a few of our Cisco Meraki References:

Arkansas Department of Information Systems
Rob Dickerson 501-682-4475
Four Capitol Mall, Little Rock, AR 72201

Southern University at Shreveport
Carolyn Miller 318-670-9900
3050 Dr MLK Dr., Shreveport, LA 71107

Delta State University
Edwin Craft 662-846-4760
Highway 8 West, Cleveland, MS 38733

Jackson Parish Schools
Bill Jones 318-259-4456
315 Pershing Hwy, Jonesboro, LA 71251

Central Arkansas Library System
Don Perry 501-851-2551
100 Rock Street, Little Rock, AR 72201

Claiborne Parish Schools
Janet Holland 318-927-3502
415 E Main Street, Homer, LA 71040

Sabine Parish Schools
Ron Williams 318-256-9228 x202
695 Peterson St., Many, LA 71449

Lincoln Parish Schools
Seth Grigsby 318-255-1430
410 South Farmerville, Ruston, LA 71270

CADDO PARISH SCHOOL DISTRICT

Address	1961 Midway, Shreveport LA 71130	Project Description: Presidio successfully completed a turnkey E-Rate solution for Caddo Parish Schools that included VLAN assignments on all new Legacy Cisco and Cisco Meraki Switching platforms. This turnkey solution also included both Legacy Cisco and Meraki wireless. This is the largest school districts in North Louisiana comprised of over 65 schools. This project included over 4000 AP's with over 900 switches. Uninterrupted power supplies were from APC
Client	Rickey Jones, IT Director	
Phone #	(318) 603-5604	
Email	rdjones@caddoschools.org	

CLAIBORNE PARISH SCHOOL DISTRICT

Address	415 E Main Street, Homer, LA 71040	Project Description: Presidio successfully completed a turnkey E-Rate solution with Cisco Meraki for the full district. This solution also included all hardware, software, cabling, installation, configuration and staff training.
Client	Janet Holland, IT Director	
Phone #	(318) 927-3502	
Email	jholland@claibornepsb.org	

SPRINGDALE PUBLIC SCHOOL DISTRICT

Address	804 W Johnson, Springdale, AR 72764	Project Description: Presidio successfully completed many projects for Springdale Public School District. E-Rate turnkey solution included Legacy Cisco wireless and switches. This is the 2 nd largest school districts in Arkansas comprised of over 30 schools. This project included over 3000 AP's with over 500 switches and APC UPS. Non-E-Rate projects were a full datacenter move which included new equipment as well as configuring existing equipment, full Cisco VOIP solution across the district including access control and security cameras.
Client	Paul Miller, IT Director	
Phone #	(479) 750-8771	
Email	Pmiller2@sdale.org	

LITTLE ROCK SCHOOL DISTRICT

Address	810 W Markham, Little Rock, AR 72201	Project Description: Presidio has successfully completed multiple projects for Little Rock School District ranging from enterprise switching, routing and wireless to security and full datacenter design and implementation.
Client	John Ruffins, Director of IT	
Phone #	(501) 447-1312	
Email	John.ruffins@lrdsd.org	

JACKSON PARISH SCHOOL BOARD

Address	315 Pershing Hwy, Jonesboro, LA 71251	Project Description: Presidio successfully completed a turnkey E-Rate solution with Cisco Meraki for the full district in 2016, 2017 & 2019. This solution also included all hardware, software, cabling, installation, configuration and staff training. Presidio was also awarded a 3-year contract for E-Rate FY2020.
Client	Bill Jones	
Phone #	318-259-4456	
Email	bill.jones@jpsbschools.us	

LINCOLN PARISH SCHOOL BOARD

Address	410 S. Farmerville, Ruston, LA 71270	Project Description: Presidio was awarded a 3-year contract with Lincoln Parish Schools for E-Rate FY2020. This award includes replacing all Xirrus access points and all Juniper switches. Presidio has already completed some of this replacement project with the school's remaining funds from FY2020.
Client	Debbie Pender	
Phone #	318-255-1430	
Email	dgpender@lincolnschools.org	

4 Cabling Subcontractors

Below is the information of our cabling subcontractors that may be used during Evangeline Parish School Board's project:

Delta AV Specialists
105 Overlook Circle
West Monroe, LA 71291

Owner: Jamie Harris
Phone: 318-376-4365

School Reference:
Jackson Parish School Board
Sabine Parish School Board
Cedar Creek School

Data-Tel of Louisiana, Inc
9164 Comar Drive
Walker, LA 70785

CEO: Bart LeBlanc
Phone: 225-445-5413

School Reference:
East Baton Rouge Parish School Board
Jefferson Parish School Board
Thomassee and Associates Engineering

5 Equipment/Software

Presidio is proposing Cisco Meraki Access Point and Cisco Meraki Switches for Evangeline Parish School Board

Meraki Access Points

Meraki's architecture provides feature rich network management without on-site management appliances or WiFi controllers. Every Meraki device - including wireless access points, Ethernet switches, and security appliances - connects over the Internet to Meraki's datacenters, which run Meraki's cloud management platform. These connections, secured via SSL, utilize a patented protocol that provides real time visibility and control, yet uses minimal bandwidth overhead (typically 1 kbps or less.)

In place of traditional command-line based network configuration, Meraki provides a rich web based dashboard, providing visibility and control over up to tens of thousands of Meraki devices, anywhere in the world. Tools, designed to scale to large and distributed networks, make policy changes, firmware updates, deploying new branches, etc. simple and expedient, regardless of size or location. Meraki's real time protocols combine the immediacy of on-premise management applications with the simplicity and centralized control of a cloud application.

Every Meraki device is engineered for cloud management. Specifically, this means that Meraki devices are designed with memory and CPU resources to perform packet processing, QoS, layer 3-7 security, encryption, etc. at the network edge. As a result, no network traffic passes through the cloud, with the cloud providing management functionality out of the data path. This architecture enables networks to scale horizontally, adding capacity simply by adding more endpoints, without concern for centralized bottlenecks or chokepoints. Equally important, since all packet processing is performed on premise, end-user functionality is not compromised if the network's connection to the cloud is interrupted.

Meraki's cloud platform is designed to spread computation and storage across independent server clusters in geographically isolated datacenters. Any server or datacenter can fail without affecting customers or the rest of the system. Additionally, Meraki's datacenter design is field proven to support tens of thousands of endpoints.



Meraki Cloud-Managed, Indoor 802.11AC Wave 2 Access Points:

The **Cisco Meraki MR33** is a quad-radio, cloud-managed 2x2:2 802.11ac Wave 2 access point with MU-MIMO support

The **Cisco Meraki MR42** is a four radio, cloud-managed 3x3 MU-MIMO 802.11ac Wave 2 access point. Available with external antenna connector option

The **Cisco Meraki MR52** is a cloud-managed 4x4:4 802.11ac Wave 2 access point with 160 MHz channels and MU-MIMO support. Available with external antenna connector option

The **Cisco Meraki MR53** is a cloud-managed 4x4:4 802.11ac Wave 2 access point with 80 MHz channels and MU-MIMO support. Available with external antenna connector option

Meraki Cloud-Managed, Indoor 802.11AX Access Points:

The **Cisco Meraki MR36** is a cloud-managed 2x2:2 802.11ax access point that raises the bar for wireless performance and efficiency.

The **Cisco Meraki MR46** is a cloud-managed 4x4:4 802.11ax access point with 2.5 Gbps Multigigabit Ethernet.

The **Cisco Meraki MR44** is a cloud-managed 2X2:2 + 4x4:4 802.11ax access point with 2.5 Gbps Multigigabit Ethernet.

The **Cisco Meraki MR56** is a cloud-managed 8x8:8 802.11ax access point with 5 Gbps Multigigabit Ethernet.

Full vendor product specification sheets have been provided for the model(s) Presidio is proposing behind Tab 4 of our RFP response.

Meraki MS Switches

Cisco Meraki offers a broad range of switches, built from the ground up to be easy to manage without compromising any of the power and flexibility traditionally found in traditional enterprise-class switches.

Meraki access & aggregation switches are all managed through an elegant, intuitive cloud interface, freeing administrators to spend less time on configuration and more time on meeting business needs.

To set up a Meraki switch, just plug it in; there's no need for repetitive, command-based configuration, and switches can be up and running within minutes of connecting them to the network.

A powerful centralized management interface gives administrators deep visibility into the network and how it is used. See which switches are near capacity across hundreds of sites. Quickly provision and reconfigure switch ports with security, QoS, and more. The Meraki dashboard provides unified policies, event logs, and monitoring, making it easy to manage network deployments without sacrifice

Meraki switches feature high-end hardware and an exceptional feature set, including:

- Options for fixed and modular uplinks. GbE, 10 GbE and 40 GbE uplink ports for high-speed connectivity to aggregation layer switches or other upstream devices



- Optional Multigigabit ports providing up to 10Gbps on a single Ethernet cable, supporting the latest WiFi performance capabilities
- Wire-speed, non-blocking switch fabric (up to 800 Gbps) and 6 dedicated QoS queues for high-performance, converged voice, video, and data deployments
- Power efficient, quiet acoustic designs, and shallow rack depth options, enabling flexible deployment in wiring closets as well as offices and classrooms
- Fanless design on select models
- Power over Ethernet, PoE+ and UPoE options available
- Up to 740 watt PoE budget with PoE+ support for powering APs, phones, cameras, and other PoE enabled devices (124W for 120-8 series), with 830W available on the MS390 UPoE model
- Lifetime hardware warranty and advanced replacement at no additional cost
- Field-replaceable, hot-swappable power supplies and fans. RPS option for mission-critical applications. StackPower on select models for added resilience

Meraki switches include all of the traditional Ethernet features found on the highest end products, including:

- Quality-of-Service (QoS) to prioritize mission critical traffic such as voice and video
- IEEE 802.1X support for port based network access control
- MAC-based RADIUS auth and MAC whitelisting
- Voice VLAN support for simplified VoIP deployments
- Port Mirroring support for monitoring network traffic at line rate
- DHCP snooping to prevent users from adding unauthorized DHCP servers on the network
- IGMP Snooping to optimize network performance with multicast traffic
- Link Aggregation Control Protocol (LACP) for high-capacity trunking, stacking, and increased availability
- Rapid spanning tree, BPDU guard, root guard, and other safeguards to help prevent misconfigurations and reduce convergence time
- Per port VLAN configuration
- Multiple administrative roles with sophisticated security policy management
- High-performance layer 3 routing capabilities on select models

Meraki Access Switches:

The **Cisco Meraki MS120 and MS125** switches provide Layer 2 access switching ideal for branch and campus deployments. The MS120 and MS125 series features a variety of power options designed to meet the diverse needs of large enterprise networks. MS120 is available in 8, 24 and 48 ports. MS125 is available in 24 and 48 ports.

Meraki Stackable Access Switches:

The **Cisco Meraki MS210** switches provide Layer 2 access switching for branch and small campus locations. The MS210 includes 4 x 1G SFP uplinks and physically stacks with the MS225 to gain access to its 10G uplink. This family also supports an optional, rack-mountable PSU (Cisco RPS-2300) for power redundancy requirements. MS210 is available in 24 and 48 ports.

The **Cisco Meraki MS225** series switches provide layer 2 access switching and are ideal for deploying to branch locations. With stacking capabilities and 10G SFP+ uplinks on every model, performance is guaranteed. This family also supports an optional, rack-mountable remote PSU (Cisco RPS-2300) for power redundancy requirements. MS225 is available in 24 and 48 ports.

The **Cisco Meraki MS250** series provides 10G SFP+ uplinks for medium-size enterprises and campus networks. The switch includes optional PoE/PoE+ support, Layer 3 routing, and modular power for mission-critical networks. MS250 is available in 24 and 48 ports.

The **Cisco Meraki MS350** series provides 10G SFP+ uplinks and high-performance access switching for large enterprise and campus networks. The switch includes optional PoE/PoE+ support, highly scalable Layer 3 routing and modular power/fans for mission-critical networks. The family features the **MS350-24X**

which includes 8 multigigabit (mGig) ports and UPoE support for high-performance 802.11ax/ac access points, servers, and work stations. MS350 is available in 24 and 48 ports.

The **Cisco Meraki MS355** series provides full 10G multi-gigabit (mGig) access switching for demanding enterprise and campus environments. The switch series features a high mGig port density for 802.11ax wireless access points, servers, and workstations. The family supports 40G or 10G uplinks, physical stacking, up to 60W of port power with UPoE, and field replaceable power supplies/fans. MS355 is available in 24 and 48 ports.

The **Cisco Meraki MS390** addresses the most demanding enterprise applications by combining the simplicity of the Meraki dashboard with powerful switching hardware. To satisfy high-bandwidth applications and the deployment of high-speed 802.11ax/wifi-6 access points, the MS390 provides multigigabit ports, 480G stacking, and modular 10/40G uplinks. The MS390 delivers resiliency with fast stack convergence and StackPower. The MS390 provides Adaptive Policy using an over-the-wire tag which segments traffic into security groups to deliver scalable security. The MS390 is integrated under the Meraki dashboard to provide a simply powerful solution to the most demanding wired access applications. MS390 is available in 24 and 48 ports.

Meraki Stackable Access Switches:

The **Cisco Meraki MS410** series extends cloud management across the aggregation layer for medium-size networks with our 1/10G fiber aggregation switches. MS410 is available in 16 and 32 ports.

The **Cisco Meraki MS425** series extends cloud management across the aggregation layer for medium-size networks with our 10/40G fiber aggregation switches. MS425 is available in 16 and 32 ports.

The **Cisco Meraki MS450** brings powerful high-bandwidth switching to the aggregation layer. The 40G fiber aggregation switch with 100G uplinks adopts the benefits of the cloud with simplified management, reduced complexity, and network-wide visibility. MS450 is available in 12 ports

Full vendor product specification sheets have been provided for the model(s) Presidio is proposing behind Tab 4 of our RFP response.

6 Customer Service Support Plan

Presidio is pleased to propose Cisco Meraki, a cloud-managed edge and branch networking solution that helps simplify enterprise-class networks. Wireless, switching, security, and mobile devices are centrally managed from the cloud to optimize ease-of-use. This comprehensive portfolio of wireless, security and mobile device management (MDM) gives administrators optimal visibility and control into the network. These networking products can scale from small branch to campus deployments and provide up-to-date features while helping to reduce OpEx.

We are proposing the CISCO MERAKI Cloud based switching technology as we have seen many districts adopting this technology that has limited staff to support this. Presidio is a MERAKI Manager Services Provider and can provide a Remote NOC option for support.

We will work with Evangeline Parish School Board to design the Project Plan to meet the deadlines site. The equipment is all readily available and once notification of award, a specific site by site project plan will be presented to Evangeline Parish School Board for approval. Project plan will break down the work

to be performed into manageable phases, activities and tasks as appropriate. The Project plan will provide expected start and completion dates. We have the ability to support (technical and training) with onsite engineers, over the phone, and via WebEx with video. Our normal operating hours are Monday to Friday 8-5pm.

Meraki also offers 24 hour a day access to training along with help desk support for general questions. Meraki has a next-day replacement warranty on all equipment and has a 365 day, 24 hour help desk located in San Francisco.

There will be a Project Manager (normal business hours and planned afterhours if needed), Inside Sales Representative (normal business hours), and your account manager (normal business hours and when needed) assigned to support the staff.

Presidio is also offering a hands-on training lab for Evangeline Parish School Board . This lab will be conducted by a Meraki engineer remotely and will teach all of your technology staff how to setup the network, use the Meraki dashboard, set features, and much more.

7 Presidio Installation

Presidio / Cisco Meraki Wireless

Presidio will perform the following task in relation to the deployment of Cisco Meraki Wireless Access Points. Any task not mentioned within this task list should be assumed "Out-of-Scope" unless otherwise mention to be handled by a subcontractor with this RFP response.

- Perform an initial design session with the customer
- Review existing architecture
- Provision Meraki Dashboard
 - Note: Any routing/firewall rules to allow for dashboard/cloud connections are the responsibility of the customer
- Load Access Points into dashboard
 - Assign Static IP Address (provided by the school district)
 - Assign Unique name
- Build up to 4 SSID's with one of the below connection policy methods
 - Active directory Authentication
 - Note: Will configure up to 4 separate Active Directory authentication groups
 - Note: Endpoint configuration is the customers responsibility
 - PSK (Pre-Shared Key)
 - Up to 4 login splash screens (Any customized images will be the responsibility of the school district)
- Create a test plan
- Work with the staff to perform limited location wireless connectivity testing (Complete coverage mapping & testing is not included in this scope of work)
- Perform knowledge transfer with the IT staff to ensure basic understanding of the implementation of the solution
- Create hand off documentation to include IP address, MAC Address, and a location description
 - Note: If maps of AP placements are required the customer will be required to provide the maps in advance to the cabling provider for documentation.



Presidio / Cisco Meraki Switches

Presidio will perform the following task in relation to the deployment of Cisco Meraki MS Switches. Any task not mentioned within this task list should be assumed “Out-of-Scope” unless otherwise mention to be handled by a subcontractor with this RFP response.

- Perform an initial design session with the customer
- Review existing architecture
- Provision Meraki Dashboard
 - Note: Any routing/firewall rules to allow for dashboard/cloud connections are the responsibility of the customer
- Load switches into dashboard
 - Assign Static IP
 - Assign Unique name
- Build up to 4 separate VLAN's
- Create a cutover plan
- Communicate the cutover with the cabling provider to be executed
- Work with the staff to perform limited location wired connectivity testing (Complete testing is not included in this scope of work)
- Perform knowledge transfer with the IT staff to ensure basic understanding of the implementation of the solution
- Create hand off documentation to include IP address, MAC Address, and a location description
 - Note: If maps of switch placements are required the customer will be required to provide the maps in advance to the cabling provider form documentation.

8 Presidio Project Management

Presidio will provide a Project Manager (PM), who will be single point of contact for all project support issues within the scope of this project. The PM is experienced in project management best practice methodologies and familiar with the technology involved. This Project Manager is responsible for timely completion of the scope, schedule and budget utilizing Presidio's Project Management Method. Included for our standard Project Management offering for this engagement are the following:

- Remote kickoff meeting
- Planning and design session facilitation
- Deliverable/milestone tracking (High-Level Plan)
- Resource scheduling and oversight
- Escalation facilitation
- Working calls as required
- Regularly scheduled status meetings
- Agenda, meeting minutes and risk/issue/action item tracking
- Scope/budget Management
- Project closeout

9 Presidio Legal Adds or Changes

Indemnity:

THE ENTIRE LIABILITY OF CONTRACTOR AND THE DISTRICT'S EXCLUSIVE REMEDY UNDER THIS AGREEMENT SHALL BE LIMITED TO THE TOTAL AMOUNT PAID BY THE DISTRICT UNDER THIS AGREEMENT OVER THE TWELVE MONTHS PRECEDING THE CLAIM IN QUESTION. THE LIABILITY OF CONTRACTOR SHALL BE CUMULATIVE AND NOT PER INCIDENT. THESE LIMITATIONS, EXCLUSIONS AND DISCLAIMERS SHALL APPLY TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, EVEN IF ANY REMEDY FAILS ITS ESSENTIAL PURPOSE.

IN NO EVENT SHALL CONTRACTOR BE LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, PUNITIVE, OR CONSEQUENTIAL DAMAGES WHATSOEVER, INCLUDING, BUT NOT LIMITED TO, COSTS FOR PROCUREMENT OF SUBSTITUTE SERVICES OR DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA, USE, OR BUSINESS INTERRUPTION INCURRED BY THE BOARD OR ANY THIRD PARTY, WHETHER OR NOT ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

10 Presidio and Cisco

Presidio is a leading North American IT solutions provider focused on Digital Infrastructure, Business Analytics, Cloud, Security & Emerging solutions. We deliver this technology expertise through a full life cycle model of professional, managed, and support services including strategy, consulting, implementation and design.

Presidio was Cisco's Public Sector Partner of the Year & Cisco's State and Local, Government and Education (SLED) Partner of the Year in 2019, 2018, 2017, 2016, 2014, 2013 & 2012

The power of our Cisco partnership is best exemplified by the many awards and certifications we have received:

- Multiple Cisco Partner Summit Global Awards, namely Cisco Capital Partner of the Year and Architectural Excellence Partner of the Year (Collaboration). Presidio was also recognized with seven Cisco Partner Summit Awards in the Americas.
- Recipient of the first ever Cisco Internet of Things Partner of the Year Award.
- First Cisco Master ATP partner globally in all ATP specializations: Managed Services, Unified Communications, Security and TelePresence Video
- Over 30 Cisco specific specializations and authorizations
- Over 2,200 Cisco technical certifications including 150+ CCIEs
- Cisco Gold Star recognition for Customer Satisfaction Excellence (CSAT)

Presidio is a Cisco Gold Certification Partner with specializations in:

- Master Data Center and Hybrid Cloud
- Master Security Specialization
- Advanced SP Architecture Specialization
- Master Collaboration Specialization
- Advanced Data Center Architecture Specialization
- Advanced Security Architecture Specialization
- Advanced Collaboration Architecture Specialization
- Advanced Enterprise Networks Architecture Specialization
- Express Specialization

Authorizations in:

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • EA Meraki • Customer Journey Platform Authorization • Networks Services Orchestrator Authorization • Unified Contact Center Enterprise Authorization • Cisco TelePresence Video Master Authorization • Cisco IoT Authorization | <ul style="list-style-type: none"> • EA Collab-Flex Plan • EA Security choice • EA Collab - UC TP PC • SaaS Simple Resale • EA Collab - Cust Collab • Adoption Services Support | <ul style="list-style-type: none"> • EA Data Center Choice-Intersight TAAS CC • EA Collab-Flex Plan On-Prem Meetings • EA Collab-Flex Plan On-Prem Calling • EA Cisco DNA-Switching Wireless Routing • EA Data Center choice-ACI and Hyperflex • Buying Models Commerce Certification |
|---|---|---|

Partner Designations:

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> • DWDM Optical Partner • Lifecycle Advisor for Cisco Digital Network Architecture • Lifecycle Advisor for Enterprise Networking | <ul style="list-style-type: none"> • Lifecycle Advisor • GPN Resale Host • GPN Partner Agent • Solution Partner | <ul style="list-style-type: none"> • Lifecycle Advisor for Cisco Collaboration • Lifecycle Advisor for Cisco Webex Spark • Lifecycle Advisor for Enterprise Agreements • Lifecycle Advisor for Cisco Security |
|---|---|---|

Cloud & Managed Service Provider:

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> • Managed Business Communications | <ul style="list-style-type: none"> • Managed Security | <ul style="list-style-type: none"> • Cloud and Managed Services Master |
|---|--|---|

Other:

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> • Unified Workspace with Citrix • Cisco Desktop Virtualization Citrix Xen Desktop • UCS Capacity Assurance-Try and Buy | <ul style="list-style-type: none"> • Regular Try & Buy • Cisco Partner Ecosystem • US Federal Authorization | <ul style="list-style-type: none"> • Cisco Certified Refurbished Equipment • Accelerated TelePresence Try & Buy • Security Enterprise Licensing Agreement |
|--|--|--|



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/1/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER McGriff Insurance Services 2500 Renaissance Blvd Suite100 King Of Prussia PA 19406-2639		CONTACT NAME: Cheryl Fala PHONE (A/C, No, Ext): 610-279-8550 E-MAIL ADDRESS: cfala@mcgriffinsurance.com FAX (A/C, No): 610-279-8543	
		INSURER(S) AFFORDING COVERAGE	
		INSURER A: Federal Insurance Company	
		INSURER B: Great Northern Insurance Company	
		INSURER C: Chubb Custom Insurance Company	
		INSURER D: American Zurich Insurance Company	
		INSURER E:	
		INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 41032636

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:			35852422	10/1/2020	10/1/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> Comp \$1,000 <input checked="" type="checkbox"/> Coll \$1,000			73543321	10/1/2020	10/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0			79857023	10/1/2020	10/1/2021	EACH OCCURRENCE \$ 25,000,000 AGGREGATE \$ 25,000,000 \$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	WC980925906	3/1/2020	3/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Prof, E&O, Cyber			D95452796	10/1/2020	10/1/2021	Per claim/Agg \$10,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Named Insureds:
 BCEC-Port Holdings (Delaware) LP
 Presidio, Inc.
 Presidio Holdings Inc.
 Presidio IS LLC
 Presidio LLC
 Presidio Technology Capital, LLC
 Presidio Networked Solutions LLC
 See Attached...

CERTIFICATE HOLDER

CANCELLATION

Presidio Inc.
 12100 Sunset Hills Road
 Suite 300
 Reston VA 20190

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Carl M. Quante

© 1988-2015 ACORD CORPORATION. All rights reserved.

**ADDITIONAL REMARKS SCHEDULE**Page 1 of 1

AGENCY McGriff Insurance Services		NAMED INSURED BCEC-Port Holdings (Delaware) LP Presidio Inc. 12100 Sunset Hills Road - Suite 300 Reston VA 20190
POLICY NUMBER		
CARRIER	NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,****FORM NUMBER:** 25 **FORM TITLE:** CERTIFICATE OF LIABILITY INSURANCE

Presidio Capital Funding LLC
Presidio Networked Solutions Group, LLC
3rd Ave. Creative Marketing & Branding LLC

Evidence of coverage.

SPIN AND BEAR CONTACT SEARCH

In this section, you can search for the correct person to contact at your service provider.

Note to Applicants: It is important to confirm this SPIN information with your service provider. SLD is providing this search function to help you find the right person at your service provider.

Guidance on determining if a company is eligible to provide telecommunications services is available [here](#).

Please enter one of the following search criteria:

Service Provider Name	<input type="text" value="Presidio"/>	Search using Partial Name ending with % for a wildcard. (please enter at least 3 characters before the % sign)
SPIN	<input type="text" value="143015315"/>	

[Reset](#) [Search](#)

Show entries

Search:

SPIN	Service Provider Name	Doing Business As	Contact Name	Contact Address	Contact Phone	Form 499 Filer	SPAC Filed
143015315	Presidio Networked Solutions LLC		Darci Taylor	5337 Millenia Lakes Blvd Suite 300 Orlando FL 32839	301313-2114		1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020

Showing 1 to 1 of 1 entries

Previous Next

K-12 PRACTICE

For school administrators and IT teams, today's challenges are vast: delivering educational content to a range of devices, accommodating online testing across hundreds of classrooms, and expanding monitoring, messaging, and cyber protection to keep students safe and secure, to name a few. These challenges are intensified by the additional charge to do more with less funding.

Turn to Presidio for solutions that are swift, effective, affordable, and done right the first time.

The difference lies in our people, an expert team of professional solution architects, project managers, and delivery engineers. These skilled, highly trained professionals are members of local communities and vested in the success of their client projects. They're equipped with the deep resources of a \$2 billion, nationwide company and practice areas that include cyber & physical security, cloud, carriers/colocation, networking/wireless, and more

Presidio knows how help the educational community turn visions into reality. With state contracts across the Tri-State region, we've helped schools and school districts of all sizes upgrade their IT infrastructure, implement new technologies, and establish resilience for whatever the future brings.

As a trusted advisor, Presidio works with you to find the right products and solutions for your needs, wherever your school or district stands in the digital transformation process. Presidio partners with over 300 major manufacturers to create solutions that meet your requirements for pricing, functionality, and organizational objectives.

Through proven processes, expert engineering teams, and unparalleled manufacturer partnerships, Presidio delivers solutions for:

- Physical security, including cameras and door access
- Cyber and network security
- Wireless networks and infrastructure
- Data center virtualization
- Virtual desktop infrastructure (VDI)
- IP voice and emergency notification
- Video
- Bring your own device (BYOD)
- Microsoft and application support
- Cloud



SECURITY

Upgrading surveillance & emergency notification systems. Expanding monitoring for facilities and fleets. Assessing cyber threats and remediating attacks. Presidio's experts in security, wireless, the Internet of Things, and beyond help schools protect their students, teachers, staff, and data.



WIRELESS

Through proven processes, expert engineering teams, and unparalleled manufacturer partnerships, Presidio delivers the fast, robust, state-of-the-art connectivity that supports video, online testing, student devices, and more.



STORAGE/VIRTUALIZATION

Pressed to reduce your data footprint and energy costs? Need to deliver content to the range of devices, including those with limited memory and storage? Call Presidio for customized virtual desktop infrastructure and hybrid/public/internal cloud solutions.

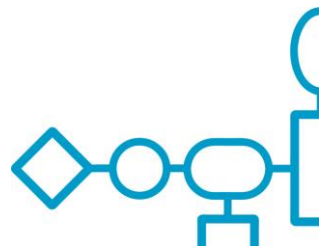


VOICE

Extend connectivity into the classroom. Migrate your campus onto a VoIP network. Strengthen emergency communications. With onsite teams of experienced experts and partnerships across the range of manufacturers and carriers, Presidio helps you seamlessly leverage existing resources into a flexible solution.

TAB 3

Pricing Sheets





RFP Title: E-Rate Category 2 Products and Services
RFP Due Date: January 15, 2021

TO:

Evangeline Parish School Boarc
Connie Guillory
1123 Te Mamou Road
Ville Platt, LA 70586

FROM:

Presidio Networked Solutions
Jeremy LeMaire jlemaire@presidio.com
104 Hemlock Drive
Youngsville, LA 70592

#	Part #	Description	Unit Price	Qty	Ext Price
Meraki Access Point - Equivalent to Aruba IA-305 & IA-325					
1.0	MR42-HW	Meraki MR42 Cloud Managed AP WiFi 5 3x3:3	\$331.96		\$0.00
2.0	LIC-ENT-5YR	Meraki MR Enterprise License, 5YR	\$135.93		\$0.00
3.0	P-INSTALL-AP	Presidio Installation and Configuration	\$184.00		\$0.00
Meraki Access Point - WiFi 6 - 802.11AX					
4.0	MR44-HW	Meraki MR44 Wi-Fi 6 Indoor AP 2x2:2 + 4x4:4, 2.5 Gbps Multigigabit Etheri	\$347.06	190	\$65,941.40
5.0	LIC-ENT-5YR	Meraki MR Enterprise License, 5YR	\$135.93	190	\$25,826.70
6.0	P-INSTALL-AP	Presidio Installation and Configuration	\$184.00	190	\$34,960.00
Meraki Access Point - Equivalent to Aruba IA-315					
7.0	MR52-HW	Meraki MR52 Cloud Managed AP WiFi 5 4x4:4	\$422.57		\$0.00
8.0	LIC-ENT-5YR	Meraki MR Enterprise License, 5YR	\$135.93		\$0.00
9.0	P-INSTALL-AP	Presidio Installation and Configuration	\$184.00		\$0.00
			Services Total		\$34,960.00
			Hardware Total		\$91,768.10
			Quote Total:		\$126,728.10

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki AP	Indoor WiFi 6	MR36	MR36-HW	Meraki MR36 Wi-Fi 6 Indoor AP 2x2:2	\$851.97	\$256.44	\$184.00	100%	\$440.44	meraki.com
Cisco Meraki AP	Indoor WiFi 6	MR44	MR44-HW	Meraki MR44 Wi-Fi 6 Indoor AP 2x2:2 + 4x4:4, 2.5 Gbps Multigigabit Ethernet	\$1,153.02	\$347.06	\$184.00	100%	\$531.06	meraki.com
Cisco Meraki AP	Indoor WiFi 6	MR46	MR46-HW	Meraki MR46 Wi-Fi 6 Indoor AP 4x4:4. 2.5 Gbps Multigigabit Ethernet	\$1,454.07	\$437.68	\$184.00	100%	\$621.68	meraki.com
Cisco Meraki AP	Indoor WiFi 6	MR46E	MR46E-HW	Meraki MR46E Wi-Fi 6 Indoor AP w External Antenna Connectors 4x4:4	\$1,454.07	\$437.68	\$184.00	100%	\$621.68	meraki.com
Cisco Meraki AP	Indoor WiFi 6	MR56	MR56-HW	Meraki MR56 Wi-Fi 6 Indoor AP 8x8:8 5 Gbps Multigigabit Ethernet	\$1,855.47	\$558.50	\$184.00	100%	\$742.50	meraki.com
Cisco Meraki AP	Indoor WiFi 6 Compatible	MR45	MR45-HW	Meraki MR45 Cloud Managed Indoor AP WiFi 6 Compatible	\$1,454.07	\$437.68	\$184.00	100%	\$621.68	meraki.com
Cisco Meraki AP	Outdoor WiFi 6	MR76	MR76-HW	Meraki MR76 Wi-Fi 6 Outdoor AP 2x2:2	\$1,554.42	\$467.88	\$184.00	100%	\$651.88	meraki.com
Cisco Meraki AP	Outdoor WiFi 6	MR86	MR86-HW	Meraki MR86 Wi-Fi 6 Outdoor AP 4x4:4	\$2,256.87	\$679.32	\$184.00	100%	\$863.32	meraki.com
Cisco Meraki AP	Indoor WiFi 5	MR20	MR20-HW	Meraki MR20 Cloud Managed AP WiFi 5 2x2:2	\$300.05	\$90.32	\$184.00	100%	\$274.32	meraki.com
Cisco Meraki AP	Indoor WiFi 5	MR30H	MR30H-HW	Meraki MR30H Cloud Managed AP WiFi 5 2x2:2 4 port switch	\$601.10	\$180.93	\$184.00	100%	\$364.93	meraki.com
Cisco Meraki AP	Indoor WiFi 5	MR33	MR33-HW	Meraki MR33 Cloud Managed AP WiFi 5 2x2:2	\$651.27	\$196.03	\$184.00	100%	\$380.03	meraki.com
Cisco Meraki AP	Indoor WiFi 5	MR42	MR42-HW	Meraki MR42 Cloud Managed AP WiFi 5 3x3:3	\$1,102.85	\$331.96	\$184.00	100%	\$515.96	meraki.com
Cisco Meraki AP	Indoor WiFi 5	MR42E	MR42E-HW	Meraki MR42E Indoor AP w External Antenna Connectors WiFi 5 3x3:3	\$1,102.85	\$331.96	\$184.00	100%	\$515.96	meraki.com
Cisco Meraki AP	Indoor WiFi 5	MR52	MR52-HW	Meraki MR52 Cloud Managed AP WiFi 5 4x4:4	\$1,403.90	\$422.57	\$184.00	100%	\$606.57	meraki.com
Cisco Meraki AP	Indoor WiFi 5	MR53	MR53-HW	Meraki MR53 Cloud Managed AP WiFi 5 4x4:4 (Multigigabit Ethernet)	\$1,704.95	\$513.19	\$184.00	100%	\$697.19	meraki.com
Cisco Meraki AP	Indoor WiFi 5	MR53E	MR53E-HW	Meraki MR53E Indoor AP w External Antenna Connectors WiFi 5 4x4:4	\$1,704.95	\$513.19	\$184.00	100%	\$697.19	meraki.com
Cisco Meraki AP	Outdoor WiFi 5	MR70	MR70-HW	Meraki MR70 Cloud Managed AP Outdoor WiFi 5 2x2:2	\$1,102.85	\$331.96	\$184.00	100%	\$515.96	meraki.com
Cisco Meraki AP	Outdoor WiFi 5	MR74	MR74-HW	Meraki MR74 Cloud Managed AP Outdoor WiFi 5 2x2:2	\$1,403.90	\$422.57	\$184.00	100%	\$606.57	meraki.com
Cisco Meraki AP	Outdoor WiFi 5	MR84	MR84-HW	Meraki MR84 Cloud Managed AP Outdoor WiFi 5 4x4:4	\$2,407.40	\$724.63	\$184.00	100%	\$908.63	meraki.com
Cisco Meraki AP	MR Lic	MR	LIC-ENT-1YR	Meraki MR Enterprise License, 1YR	\$150.53	\$45.31		100%	\$45.31	meraki.com
Cisco Meraki AP	MR Lic	MR	LIC-ENT-3YR	Meraki MR Enterprise License, 3YR	\$301.05	\$90.62		100%	\$90.62	meraki.com
Cisco Meraki AP	MR Lic	MR	LIC-ENT-5YR	Meraki MR Enterprise License, 5YR	\$451.58	\$135.93		100%	\$135.93	meraki.com
Cisco Meraki AP	MR Lic	MR	LIC-ENT-7YR	Meraki MR Enterprise License, 7YR	\$632.21	\$190.30		100%	\$190.30	meraki.com
Cisco Meraki AP	MR Lic	MR	LIC-ENT-10YR	Meraki MR Enterprise License, 10YR	\$903.15	\$271.85		100%	\$271.85	meraki.com
Cisco Meraki AP	MR Lic	MR-ADV	LIC-MR-ADV-1Y	Meraki MR Advanced License and Support, 1YR	\$301.05	\$90.62		50%	\$135.93	meraki.com
Cisco Meraki AP	MR Lic	MR-ADV	LIC-MR-ADV-3Y	Meraki MR Advanced License and Support, 3YR	\$602.10	\$181.23		50%	\$271.85	meraki.com
Cisco Meraki AP	MR Lic	MR-ADV	LIC-MR-ADV-5Y	Meraki MR Advanced License and Support, 5YR	\$903.15	\$271.85		50%	\$407.78	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-B5	Meraki Indoor Bendable Dual-band Dipole Ant 5pk for MR42E	\$169.59	\$51.05		100%	\$51.05	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-ANT-1	Meraki Standard Mounting Arm for E & F Series Patch Antenna	\$199.70	\$60.11		100%	\$60.11	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-INJ-4-US	Meraki MR 802.3at PoE Injector (US Plug)	\$186.77	\$56.22		100%	\$56.22	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-23	Meraki 2.4GHz Sector Antenna	\$350.22	\$105.42		100%	\$105.42	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-27	Meraki Dual Band Sector Antenna	\$350.22	\$105.42		100%	\$105.42	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-PWR-30W-US	Meraki AC Adapter for MR Wireless Access Points (US Plug)	\$36.35	\$10.94		100%	\$10.94	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-21	Meraki 5GHz Sector Antenna	\$350.22	\$105.42		100%	\$105.42	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-14	Meraki Replacement Mounting Kit for MR55/MR56	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-5	Meraki Replacement Mounting Kit for MR26	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-INJ-5-US	Meraki Multigigabit 802.3at PoE Injector (US Plug)	\$400.40	\$120.52		100%	\$120.52	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-C6	Meraki Indoor Dual-band Panel Omni Ant, 6port MR46E/MR53E	\$500.75	\$150.73		100%	\$150.73	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-4	Meraki Replacement Mounting Kit for MR18	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-1	Meraki Replacement Mounting Kit for MR12/MR16	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-B1	Meraki Indoor Bendable Dual-band Dipole Antenna	\$39.14	\$11.78		100%	\$11.78	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-E6	Meraki Indoor Dual-band Wide Patch Ant, 6port MR46E/MR53E	\$631.05	\$189.95		100%	\$189.95	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-6	Meraki Replacement Mounting Kit for MR32	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-25	Meraki Dual Band Patch Antenna	\$350.22	\$105.42		100%	\$105.42	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-17	Meraki Replacement Mounting Kit for MR36	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-7	Meraki Replacement Mounting Kit for MR72/MR74	\$69.24	\$20.84		100%	\$20.84	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-F6	Meraki Indoor Dual-band Narrow Patch Ant, 6-port MR46E/MR53E	\$1,473.85	\$443.63		100%	\$443.63	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-B6	Meraki Indoor Bendable Dual-band Dipole Ant 6pk MR46E/MR53E	\$199.70	\$60.11		100%	\$60.11	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-ANT-2	Meraki Long Mounting Arm for E & F Series Patch Antenna	\$199.70	\$60.11		100%	\$60.11	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-ANT-4	Meraki Vertical Mounting Bracket - C & D Series Omni Antenna	\$99.35	\$29.90		100%	\$29.90	meraki.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-F5	Meraki Indoor Dual-band Narrow Patch Antenna, 5-port (MR42E)	\$1,473.85	\$443.63		100%	\$443.63	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-ANT-3	Meraki Horizontal Mnting Bracket - C & D Series Omni Antenna	\$99.35	\$29.90		100%	\$29.90	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-D5	Meraki Indoor Dual-band Downtilt Omni Antenna 5port (MR42E)	\$420.35	\$126.53		100%	\$126.53	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-ANT-5	Meraki Extension Arm for all Antennas	\$124.10	\$37.35		100%	\$37.35	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-A6	Meraki Indoor Dual-band Dipole Ant, 6-pack for MR46E/MR53E	\$199.70	\$60.11		100%	\$60.11	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-9	Meraki Replacement Mounting Kit for MR52/MR53 and 53E	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-A1	Meraki Indoor Dual-band Dipole Antenna	\$39.14	\$11.78		100%	\$11.78	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-UMNT-MR-A2	Meraki MR Adaptor for Cisco Universal Mounts	\$30.11	\$9.06		100%	\$9.06	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-CLG-1	Meraki T-Rail Channel Adapter Mount Kit	\$25.09	\$7.55		100%	\$7.55	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-15	Meraki Replacement Mounting Kit for MR45/MR46	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-10	Meraki Replacement Mounting Kit for MR84	\$69.24	\$20.84		100%	\$20.84	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-12	Meraki Replacement Mount Plate for MR20 AP	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-E5	Meraki Indoor Dual-band Wide Patch Antenna, 5-port for MR42E	\$631.05	\$189.95		100%	\$189.95	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-A5	Meraki Indoor Dual-band Dipole Antennas, 5-pack for MR42E	\$169.59	\$51.05		100%	\$51.05	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-H2	Meraki Surface Mounting Kit for MR30H	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-H1	Meraki Replacement Mounting Kit for MR30H	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-18	Meraki Replacement Mounting Kit for MR46E	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-8	Meraki Replacement Mounting Kit for MR42 and MR42E	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-20	Meraki Dual-band Omni Antennas	\$199.70	\$60.11		100%	\$60.11	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-3	Meraki Replacement Mounting Kit for MR34	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-H3	Meraki Port Security Mounting Kit for MR30H	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-C5	Meraki Indoor Dual-band Panel Omni Antenna, 5-port for MR42E	\$400.40	\$120.52		100%	\$120.52	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-11	Meraki Replacement Mounting Kit for MR33	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-13	Meraki Replacement Mount Plate for MR70 AP	\$69.24	\$20.84		100%	\$20.84	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-ANT-3-D6	Meraki Indoor Dual-band Downtilt Omni Ant, 6port MR46E/MR53E	\$525.70	\$158.24		100%	\$158.24	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-16	Meraki Replacement Mounting Kit for MR76/MR86	\$49.17	\$14.80		100%	\$14.80	meraki.com
Cisco Meraki AP	MR Acc	MR Accessory	MA-MNT-MR-2	Meraki Replacement Mounting Kit for MR62/MR66	\$69.24	\$20.84		100%	\$20.84	meraki.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki Switch	MS HW	MS120-24	MS120-24-HW	Meraki MS120-24 1G L2 Cloud Managed 24x GigE Switch	\$1,868.67	\$562.47	\$385.00	100%	\$947.47	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-24	LIC-MS120-24-1YR	Meraki MS120-24 Enterprise License and Support, 1 Year	\$90.32	\$27.19		100%	\$27.19	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-24	LIC-MS120-24-3YR	Meraki MS120-24 Enterprise License and Support, 3 Year	\$185.65	\$55.88		100%	\$55.88	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-24	LIC-MS120-24-5YR	Meraki MS120-24 Enterprise License and Support, 5 Year	\$275.96	\$83.06		100%	\$83.06	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-24	LIC-MS120-24-7YR	Meraki MS120-24 Enterprise License and Support, 7 Year	\$381.33	\$114.78		100%	\$114.78	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-24	LIC-MS120-24-10YR	Meraki MS120-24 Enterprise License and Support, 10 Year	\$541.89	\$163.11		100%	\$163.11	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS120-24P	MS120-24P-HW	Meraki MS120-24P 1G L2 Cld-Mngd 24x GigE 370W PoE Switch	\$2,901.05	\$873.22	\$385.00	100%	\$1,258.22	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-24P	LIC-MS120-24P-1YR	Meraki MS120-24P Enterprise License and Support, 1 Year	\$145.51	\$43.80		100%	\$43.80	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-24P	LIC-MS120-24P-3YR	Meraki MS120-24P Enterprise License and Support, 3 Year	\$286.00	\$86.09		100%	\$86.09	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-24P	LIC-MS120-24P-5YR	Meraki MS120-24P Enterprise License and Support, 5 Year	\$431.51	\$129.88		100%	\$129.88	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-24P	LIC-MS120-24P-7YR	Meraki MS120-24P Enterprise License and Support, 7 Year	\$602.10	\$181.23		100%	\$181.23	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-24P	LIC-MS120-24P-10YR	Meraki MS120-24P Enterprise License and Support, 10 Year	\$863.01	\$259.77		100%	\$259.77	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS120-48	MS120-48-HW	Meraki MS120-48 1G L2 Cloud Managed 48x GigE Switch	\$2,910.15	\$875.96	\$385.00	100%	\$1,260.96	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48	LIC-MS120-48-1YR	Meraki MS120-48 Enterprise License and Support, 1 Year	\$165.58	\$49.84		100%	\$49.84	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48	LIC-MS120-48-3YR	Meraki MS120-48 Enterprise License and Support, 3 Year	\$331.16	\$99.68		100%	\$99.68	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48	LIC-MS120-48-5YR	Meraki MS120-48 Enterprise License and Support, 5 Year	\$496.73	\$149.52		100%	\$149.52	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48	LIC-MS120-48-7YR	Meraki MS120-48 Enterprise License and Support, 7 Year	\$697.43	\$209.93		100%	\$209.93	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48	LIC-MS120-48-10YR	Meraki MS120-48 Enterprise License and Support, 10 Year	\$993.47	\$299.03		100%	\$299.03	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS120-48FP	MS120-48FP-HW	Meraki MS120-48FP 1G L2 Cld Managed 48x GigE 740W PoE Switch	\$5,346.47	\$1,609.29	\$385.00	100%	\$1,994.29	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48FP	LIC-MS120-48FP-1YR	Meraki MS120-48FP Enterprise License and Support, 1 Year	\$265.93	\$80.04		100%	\$80.04	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48FP	LIC-MS120-48FP-3YR	Meraki MS120-48FP Enterprise License and Support, 3 Year	\$531.86	\$160.09		100%	\$160.09	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48FP	LIC-MS120-48FP-5YR	Meraki MS120-48FP Enterprise License and Support, 5 Year	\$792.77	\$238.62		100%	\$238.62	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48FP	LIC-MS120-48FP-7YR	Meraki MS120-48FP Enterprise License and Support, 7 Year	\$1,113.89	\$335.28		100%	\$335.28	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48FP	LIC-MS120-48FP-10Y	Meraki MS120-48FP Enterprise License and Support, 10 Year	\$1,585.53	\$477.24		100%	\$477.24	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS120-48LP	MS120-48LP-HW	Meraki MS120-48LP 1G L2 Cld Managed 48x GigE 370W PoE Switch	\$3,938.74	\$1,185.56	\$385.00	100%	\$1,570.56	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48LP	LIC-MS120-48LP-1YR	Meraki MS120-48LP Enterprise License and Support, 1 Year	\$220.77	\$66.45		100%	\$66.45	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48LP	LIC-MS120-48LP-3YR	Meraki MS120-48LP Enterprise License and Support, 3 Year	\$446.56	\$134.41		100%	\$134.41	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48LP	LIC-MS120-48LP-5YR	Meraki MS120-48LP Enterprise License and Support, 5 Year	\$667.33	\$200.87		100%	\$200.87	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48LP	LIC-MS120-48LP-7YR	Meraki MS120-48LP Enterprise License and Support, 7 Year	\$933.26	\$280.91		100%	\$280.91	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-48LP	LIC-MS120-48LP-10Y	Meraki MS120-48LP Enterprise License and Support, 10 Year	\$1,334.66	\$401.73		100%	\$401.73	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS120-8	MS120-8-HW	Meraki MS120-8 1G L2 Cloud Managed 8x GigE Switch	\$784.38	\$236.10	\$385.00	100%	\$621.10	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8	LIC-MS120-8-1YR	Meraki MS120-8 Enterprise License and Support, 1 Year	\$40.14	\$12.08		100%	\$12.08	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8	LIC-MS120-8-3YR	Meraki MS120-8 Enterprise License and Support, 3 Year	\$80.28	\$24.16		100%	\$24.16	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8	LIC-MS120-8-5YR	Meraki MS120-8 Enterprise License and Support, 5 Year	\$115.40	\$34.74		100%	\$34.74	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8	LIC-MS120-8-7YR	Meraki MS120-8 Enterprise License and Support, 7 Year	\$165.58	\$49.84		100%	\$49.84	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8	LIC-MS120-8-10YR	Meraki MS120-8 Enterprise License and Support, 10 Year	\$240.84	\$72.49		100%	\$72.49	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS120-8FP	MS120-8FP-HW	Meraki MS120-8FP 1G L2 Cloud Managed 8x GigE 124W PoE Switch	\$1,326.53	\$399.29	\$385.00	100%	\$784.29	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8FP	LIC-MS120-8FP-1YR	Meraki MS120-8FP Enterprise License and Support, 1 Year	\$65.23	\$19.63		100%	\$19.63	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8FP	LIC-MS120-8FP-3YR	Meraki MS120-8FP Enterprise License and Support, 3 Year	\$130.46	\$39.27		100%	\$39.27	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8FP	LIC-MS120-8FP-5YR	Meraki MS120-8FP Enterprise License and Support, 5 Year	\$195.68	\$58.90		100%	\$58.90	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8FP	LIC-MS120-8FP-7YR	Meraki MS120-8FP Enterprise License and Support, 7 Year	\$275.96	\$83.06		100%	\$83.06	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8FP	LIC-MS120-8FP-10YR	Meraki MS120-8FP Enterprise License and Support, 10 Year	\$391.37	\$117.80		100%	\$117.80	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS120-8LP	MS120-8LP-HW	Meraki MS120-8LP 1G L2 Cloud Managed 8x GigE 67W PoE Switch	\$1,032.38	\$310.75	\$385.00	100%	\$695.75	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8LP	LIC-MS120-8LP-1YR	Meraki MS120-8LP Enterprise License and Support, 1 Year	\$50.18	\$15.10		100%	\$15.10	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8LP	LIC-MS120-8LP-3YR	Meraki MS120-8LP Enterprise License and Support, 3 Year	\$100.35	\$30.21		100%	\$30.21	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8LP	LIC-MS120-8LP-5YR	Meraki MS120-8LP Enterprise License and Support, 5 Year	\$150.53	\$45.31		100%	\$45.31	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8LP	LIC-MS120-8LP-7YR	Meraki MS120-8LP Enterprise License and Support, 7 Year	\$210.74	\$63.43		100%	\$63.43	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS120-8LP	LIC-MS120-8LP-10YR	Meraki MS120-8LP Enterprise License and Support, 10 Year	\$301.05	\$90.62		100%	\$90.62	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS125-24	MS125-24-HW	Meraki MS125-24 10G L2 Cld-Mngd 24x GigE Switch	\$2,272.93	\$684.15	\$385.00	100%	\$1,069.15	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-24	LIC-MS125-24-1Y	Meraki MS125-24 Enterprise License and Support, 1 Year	\$135.47	\$40.78		100%	\$40.78	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-24	LIC-MS125-24-3Y	Meraki MS125-24 Enterprise License and Support, 3 Year	\$265.93	\$80.04		100%	\$80.04	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-24	LIC-MS125-24-5Y	Meraki MS125-24 Enterprise License and Support, 5 Year	\$401.40	\$120.82		100%	\$120.82	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-24	LIC-MS125-24-7Y	Meraki MS125-24 Enterprise License and Support, 7 Year	\$561.96	\$169.15		100%	\$169.15	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-24	LIC-MS125-24-10Y	Meraki MS125-24 Enterprise License and Support, 10 Year	\$802.80	\$241.64		100%	\$241.64	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS125-24P	MS125-24P-HW	Meraki MS125-24P 10G L2 Cld-Mngd 24x GigE 370W PoE Switch	\$3,722.99	\$1,120.62	\$385.00	100%	\$1,505.62	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-24P	LIC-MS125-24P-1Y	Meraki MS125-24P Enterprise License and Support, 1 Year	\$220.77	\$66.45		100%	\$66.45	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-24P	LIC-MS125-24P-3Y	Meraki MS125-24P Enterprise License and Support, 3 Year	\$436.52	\$131.39		100%	\$131.39	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-24P	LIC-MS125-24P-5Y	Meraki MS125-24P Enterprise License and Support, 5 Year	\$657.29	\$197.84		100%	\$197.84	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-24P	LIC-MS125-24P-7Y	Meraki MS125-24P Enterprise License and Support, 7 Year	\$918.20	\$276.38		100%	\$276.38	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-24P	LIC-MS125-24P-10Y	Meraki MS125-24P Enterprise License and Support, 10 Year	\$1,314.59	\$395.69		100%	\$395.69	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS125-48	MS125-48-HW	Meraki MS125-48 10G L2 Cld-Mngd 48x GigE Switch	\$3,341.66	\$1,005.84	\$385.00	100%	\$1,390.84	https://meraki.cisco.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki Switch	MS Lic	MS125-48	LIC-MS125-48-1Y	Meraki MS125-48 Enterprise License and Support, 1 Year	\$195.68	\$58.90		100%	\$58.90	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48	LIC-MS125-48-3Y	Meraki MS125-48 Enterprise License and Support, 3 Year	\$396.38	\$119.31		100%	\$119.31	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48	LIC-MS125-48-5Y	Meraki MS125-48 Enterprise License and Support, 5 Year	\$592.07	\$178.21		100%	\$178.21	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48	LIC-MS125-48-7Y	Meraki MS125-48 Enterprise License and Support, 7 Year	\$827.89	\$249.19		100%	\$249.19	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48	LIC-MS125-48-10Y	Meraki MS125-48 Enterprise License and Support, 10 Year	\$1,184.13	\$356.42		100%	\$356.42	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS125-48FP	MS125-48FP-HW	Meraki MS125-48FP 10G L2 Cld-Mngd 48x GigE 740W PoE Switch	\$6,477.59	\$1,949.75	\$385.00	100%	\$2,334.75	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48FP	LIC-MS125-48FP-1Y	Meraki MS125-48FP Enterprise License and Support, 1 Year	\$381.33	\$114.78		100%	\$114.78	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48FP	LIC-MS125-48FP-3Y	Meraki MS125-48FP Enterprise License and Support, 3 Year	\$762.66	\$229.56		100%	\$229.56	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48FP	LIC-MS125-48FP-5Y	Meraki MS125-48FP Enterprise License and Support, 5 Year	\$1,143.99	\$344.34		100%	\$344.34	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48FP	LIC-MS125-48FP-7Y	Meraki MS125-48FP Enterprise License and Support, 7 Year	\$1,600.58	\$481.77		100%	\$481.77	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48FP	LIC-MS125-48FP-10Y	Meraki MS125-48FP Enterprise License and Support, 10 Year	\$2,287.98	\$688.68		100%	\$688.68	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS125-48LP	MS125-48LP-HW	Meraki MS125-48LP 10G L2 Cld-Mngd 48x GigE 370W PoE Switch	\$4,385.30	\$1,319.98	\$385.00	100%	\$1,704.98	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48LP	LIC-MS125-48LP-1Y	Meraki MS125-48LP Enterprise License and Support, 1 Year	\$255.89	\$77.02		100%	\$77.02	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48LP	LIC-MS125-48LP-3Y	Meraki MS125-48LP Enterprise License and Support, 3 Year	\$516.80	\$155.56		100%	\$155.56	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48LP	LIC-MS125-48LP-5Y	Meraki MS125-48LP Enterprise License and Support, 5 Year	\$772.70	\$232.58		100%	\$232.58	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48LP	LIC-MS125-48LP-7Y	Meraki MS125-48LP Enterprise License and Support, 7 Year	\$1,083.78	\$326.22		100%	\$326.22	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS125-48LP	LIC-MS125-48LP-10Y	Meraki MS125-48LP Enterprise License and Support, 10 Year	\$1,545.39	\$465.16		100%	\$465.16	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS210-24	MS210-24-HW	Meraki MS210-24 1G L2 Cld-Mngd 24x GigE Switch	\$3,443.20	\$1,036.40	\$385.00	100%	\$1,421.40	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-24	LIC-MS210-24-1YR	Meraki MS210-24 Enterprise License and Support, 1 Year	\$170.60	\$51.35		100%	\$51.35	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-24	LIC-MS210-24-3YR	Meraki MS210-24 Enterprise License and Support, 3 Year	\$341.19	\$102.70		100%	\$102.70	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-24	LIC-MS210-24-5YR	Meraki MS210-24 Enterprise License and Support, 5 Year	\$506.77	\$152.54		100%	\$152.54	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-24	LIC-MS210-24-7YR	Meraki MS210-24 Enterprise License and Support, 7 Year	\$712.49	\$214.46		100%	\$214.46	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-24	LIC-MS210-24-10YR	Meraki MS210-24 Enterprise License and Support, 10 Year	\$1,013.54	\$305.08		100%	\$305.08	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS210-24P	MS210-24P-HW	Meraki MS210-24P 1G L2 Cld-Mngd 24x GigE 370W PoE Switch	\$4,227.58	\$1,272.50	\$385.00	100%	\$1,657.50	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-24P	LIC-MS210-24P-1YR	Meraki MS210-24P Enterprise License and Support, 1 Year	\$210.74	\$63.43		100%	\$63.43	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-24P	LIC-MS210-24P-3YR	Meraki MS210-24P Enterprise License and Support, 3 Year	\$421.47	\$126.86		100%	\$126.86	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-24P	LIC-MS210-24P-5YR	Meraki MS210-24P Enterprise License and Support, 5 Year	\$627.19	\$188.78		100%	\$188.78	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-24P	LIC-MS210-24P-7YR	Meraki MS210-24P Enterprise License and Support, 7 Year	\$878.06	\$264.30		100%	\$264.30	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-24P	LIC-MS210-24P-10YR	Meraki MS210-24P Enterprise License and Support, 10 Year	\$1,254.38	\$377.57		100%	\$377.57	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS210-48	MS210-48-HW	Meraki MS210-48 1G L2 Cld-Mngd 48x GigE Switch	\$4,535.82	\$1,365.28	\$385.00	100%	\$1,750.28	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48	LIC-MS210-48-1YR	Meraki MS210-48 Enterprise License and Support, 1 Year	\$260.91	\$78.53		100%	\$78.53	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48	LIC-MS210-48-3YR	Meraki MS210-48 Enterprise License and Support, 3 Year	\$516.80	\$155.56		100%	\$155.56	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48	LIC-MS210-48-5YR	Meraki MS210-48 Enterprise License and Support, 5 Year	\$772.70	\$232.58		100%	\$232.58	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48	LIC-MS210-48-7YR	Meraki MS210-48 Enterprise License and Support, 7 Year	\$1,083.78	\$326.22		100%	\$326.22	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48	LIC-MS210-48-10YR	Meraki MS210-48 Enterprise License and Support, 10 Year	\$1,545.39	\$465.16		100%	\$465.16	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS210-48FP	MS210-48FP-HW	Meraki MS210-48FP 1G L2 Cld-Mngd 48x GigE 740W PoE Switch	\$7,578.50	\$2,281.13	\$385.00	100%	\$2,666.13	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48FP	LIC-MS210-48FP-1YR	Meraki MS210-48FP Enterprise License and Support, 1 Year	\$371.30	\$111.76		100%	\$111.76	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48FP	LIC-MS210-48FP-3YR	Meraki MS210-48FP Enterprise License and Support, 3 Year	\$747.61	\$225.03		100%	\$225.03	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48FP	LIC-MS210-48FP-5YR	Meraki MS210-48FP Enterprise License and Support, 5 Year	\$1,118.90	\$336.79		100%	\$336.79	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48FP	LIC-MS210-48FP-7YR	Meraki MS210-48FP Enterprise License and Support, 7 Year	\$1,565.46	\$471.20		100%	\$471.20	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48FP	LIC-MS210-48FP-10Y	Meraki MS210-48FP Enterprise License and Support, 10 Year	\$2,237.81	\$673.58		100%	\$673.58	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS210-48LP	MS210-48LP-HW	Meraki MS210-48LP 1G L2 Cld-Mngd 48x GigE 370W PoE Switch	\$5,740.02	\$1,727.75	\$385.00	100%	\$2,112.75	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48LP	LIC-MS210-48LP-1YR	Meraki MS210-48LP Enterprise License and Support, 1 Year	\$326.14	\$98.17		100%	\$98.17	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48LP	LIC-MS210-48LP-3YR	Meraki MS210-48LP Enterprise License and Support, 3 Year	\$652.28	\$196.34		100%	\$196.34	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48LP	LIC-MS210-48LP-5YR	Meraki MS210-48LP Enterprise License and Support, 5 Year	\$973.40	\$292.99		100%	\$292.99	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48LP	LIC-MS210-48LP-7YR	Meraki MS210-48LP Enterprise License and Support, 7 Year	\$1,364.76	\$410.79		100%	\$410.79	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS210-48LP	LIC-MS210-48LP-10Y	Meraki MS210-48LP Enterprise License and Support, 10 Year	\$1,946.79	\$585.98		100%	\$585.98	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS225-24	MS225-24-HW	Meraki MS225-24 L2 Stck Cld-Mngd 24x GigE Switch	\$4,194.63	\$1,262.58	\$385.00	100%	\$1,647.58	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-24	LIC-MS225-24-1YR	Meraki MS225-24 Enterprise License and Support, 1YR	\$250.88	\$75.51		100%	\$75.51	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-24	LIC-MS225-24-3YR	Meraki MS225-24 Enterprise License and Support, 3YR	\$461.61	\$138.94		100%	\$138.94	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-24	LIC-MS225-24-5YR	Meraki MS225-24 Enterprise License and Support, 5YR	\$712.49	\$214.46		100%	\$214.46	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-24	LIC-MS225-24-7YR	Meraki MS225-24 Enterprise License and Support, 7YR	\$923.22	\$277.89		100%	\$277.89	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-24	LIC-MS225-24-10YR	Meraki MS225-24 Enterprise License and Support, 10YR	\$1,174.10	\$353.40		100%	\$353.40	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS225-24P	MS225-24P-HW	Meraki MS225-24P L2 Stck Cld-Mngd 24x GigE 370W PoE Switch	\$4,882.03	\$1,469.49	\$385.00	100%	\$1,854.49	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-24P	LIC-MS225-24P-1YR	Meraki MS225-24P Enterprise License and Support, 1YR	\$291.02	\$87.60		100%	\$87.60	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-24P	LIC-MS225-24P-3YR	Meraki MS225-24P Enterprise License and Support, 3YR	\$536.87	\$161.60		100%	\$161.60	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-24P	LIC-MS225-24P-5YR	Meraki MS225-24P Enterprise License and Support, 5YR	\$827.89	\$249.19		100%	\$249.19	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-24P	LIC-MS225-24P-7YR	Meraki MS225-24P Enterprise License and Support, 7YR	\$1,073.75	\$323.20		100%	\$323.20	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-24P	LIC-MS225-24P-10YR	Meraki MS225-24P Enterprise License and Support, 10YR	\$1,364.76	\$410.79		100%	\$410.79	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS225-48	MS225-48-HW	Meraki MS225-48 L2 Stck Cld-Mngd 48x GigE Switch	\$5,740.02	\$1,727.75	\$385.00	100%	\$2,112.75	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48	LIC-MS225-48-1YR	Meraki MS225-48 Enterprise License and Support, 1YR	\$346.21	\$104.21		100%	\$104.21	https://meraki.cisco.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki Switch	MS Lic	MS225-48	LIC-MS225-48-3YR	Meraki MS225-48 Enterprise License and Support, 3YR	\$632.21	\$190.30		100%	\$190.30	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48	LIC-MS225-48-5YR	Meraki MS225-48 Enterprise License and Support, 5YR	\$973.40	\$292.99		100%	\$292.99	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48	LIC-MS225-48-7YR	Meraki MS225-48 Enterprise License and Support, 7YR	\$1,264.41	\$380.59		100%	\$380.59	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48	LIC-MS225-48-10YR	Meraki MS225-48 Enterprise License and Support, 10YR	\$1,605.60	\$483.29		100%	\$483.29	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS225-48FP	MS225-48FP-HW	Meraki MS225-48FP L2 Stck Cld-Mngd 48x GigE 740W PoE Switch	\$7,797.20	\$2,346.96	\$385.00	100%	\$2,731.96	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48FP	LIC-MS225-48FP-1YR	Meraki MS225-48FP Enterprise License and Support, 1YR	\$466.63	\$140.46		100%	\$140.46	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48FP	LIC-MS225-48FP-3YR	Meraki MS225-48FP Enterprise License and Support, 3YR	\$857.99	\$258.25		100%	\$258.25	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48FP	LIC-MS225-48FP-5YR	Meraki MS225-48FP Enterprise License and Support, 5YR	\$1,324.62	\$398.71		100%	\$398.71	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48FP	LIC-MS225-48FP-7YR	Meraki MS225-48FP Enterprise License and Support, 7YR	\$1,715.99	\$516.51		100%	\$516.51	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48FP	LIC-MS225-48FP-10Y	Meraki MS225-48FP Enterprise License and Support, 10YR	\$2,182.61	\$656.97		100%	\$656.97	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS225-48LP	MS225-48LP-HW	Meraki MS225-48LP L2 Stck Cld-Mngd 48x GigE 370W PoE Switch	\$6,939.20	\$2,088.70	\$385.00	100%	\$2,473.70	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48LP	LIC-MS225-48LP-1YR	Meraki MS225-48LP Enterprise License and Support, 1YR	\$416.45	\$125.35		100%	\$125.35	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48LP	LIC-MS225-48LP-3YR	Meraki MS225-48LP Enterprise License and Support, 3YR	\$762.66	\$229.56		100%	\$229.56	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48LP	LIC-MS225-48LP-5YR	Meraki MS225-48LP Enterprise License and Support, 5YR	\$1,179.11	\$354.91		100%	\$354.91	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48LP	LIC-MS225-48LP-7YR	Meraki MS225-48LP Enterprise License and Support, 7YR	\$1,525.32	\$459.12		100%	\$459.12	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS225-48LP	LIC-MS225-48LP-10Y	Meraki MS225-48LP Enterprise License and Support, 10YR	\$1,941.77	\$584.47		100%	\$584.47	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS250-24	MS250-24-HW	Meraki MS250-24 L3 Stck Cld-Mngd 24x GigE Switch	\$5,995.91	\$1,804.77	\$385.00	100%	\$2,189.77	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-24	LIC-MS250-24-1YR	Meraki MS250-24 Enterprise License and Support, 1YR	\$361.26	\$108.74		100%	\$108.74	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-24	LIC-MS250-24-3YR	Meraki MS250-24 Enterprise License and Support, 3YR	\$657.29	\$197.84		100%	\$197.84	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-24	LIC-MS250-24-5YR	Meraki MS250-24 Enterprise License and Support, 5YR	\$1,018.55	\$306.58		100%	\$306.58	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-24	LIC-MS250-24-7YR	Meraki MS250-24 Enterprise License and Support, 7YR	\$1,319.60	\$397.20		100%	\$397.20	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-24	LIC-MS250-24-10YR	Meraki MS250-24 Enterprise License and Support, 10YR	\$1,680.86	\$505.94		100%	\$505.94	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS250-24P	MS250-24P-HW	Meraki MS250-24P L3 Stck Cld-Mngd 24x GigE 370W PoE Switch	\$6,507.70	\$1,958.82	\$385.00	100%	\$2,343.82	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-24P	LIC-MS250-24P-1YR	Meraki MS250-24P Enterprise License and Support, 1YR	\$391.37	\$117.80		100%	\$117.80	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-24P	LIC-MS250-24P-3YR	Meraki MS250-24P Enterprise License and Support, 3YR	\$717.50	\$215.97		100%	\$215.97	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-24P	LIC-MS250-24P-5YR	Meraki MS250-24P Enterprise License and Support, 5YR	\$1,108.87	\$333.77		100%	\$333.77	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-24P	LIC-MS250-24P-7YR	Meraki MS250-24P Enterprise License and Support, 7YR	\$1,429.99	\$430.43		100%	\$430.43	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-24P	LIC-MS250-24P-10YR	Meraki MS250-24P Enterprise License and Support, 10YR	\$1,821.35	\$548.23		100%	\$548.23	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS250-48	MS250-48-HW	Meraki MS250-48 L3 Stck Cld-Mngd 48x GigE Switch	\$8,394.28	\$2,526.68	\$385.00	100%	\$2,911.68	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48	LIC-MS250-48-1YR	Meraki MS250-48 Enterprise License and Support, 1YR	\$501.75	\$151.03		100%	\$151.03	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48	LIC-MS250-48-3YR	Meraki MS250-48 Enterprise License and Support, 3YR	\$923.22	\$277.89		100%	\$277.89	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48	LIC-MS250-48-5YR	Meraki MS250-48 Enterprise License and Support, 5YR	\$1,424.97	\$428.92		100%	\$428.92	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48	LIC-MS250-48-7YR	Meraki MS250-48 Enterprise License and Support, 7YR	\$1,846.44	\$555.78		100%	\$555.78	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48	LIC-MS250-48-10YR	Meraki MS250-48 Enterprise License and Support, 10YR	\$2,348.19	\$706.81		100%	\$706.81	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS250-48FP	MS250-48FP-HW	Meraki MS250-48FP L3 Stck Cld-Mngd 48x GigE 740W PoE Switch	\$10,456.47	\$3,147.40	\$385.00	100%	\$3,532.40	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48FP	LIC-MS250-48FP-1YR	Meraki MS250-48FP Enterprise License and Support, 1YR	\$627.19	\$188.78		100%	\$188.78	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48FP	LIC-MS250-48FP-3YR	Meraki MS250-48FP Enterprise License and Support, 3YR	\$1,149.01	\$345.85		100%	\$345.85	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48FP	LIC-MS250-48FP-5YR	Meraki MS250-48FP Enterprise License and Support, 5YR	\$1,776.20	\$534.64		100%	\$534.64	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48FP	LIC-MS250-48FP-7YR	Meraki MS250-48FP Enterprise License and Support, 7YR	\$2,298.02	\$691.70		100%	\$691.70	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48FP	LIC-MS250-48FP-10Y	Meraki MS250-48FP Enterprise License and Support, 10YR	\$2,930.22	\$882.00		100%	\$882.00	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS250-48LP	MS250-48LP-HW	Meraki MS250-48LP L3 Stck Cld-Mngd 48x GigE 370W PoE Switch	\$9,598.48	\$2,889.14	\$385.00	100%	\$3,274.14	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48LP	LIC-MS250-48LP-1YR	Meraki MS250-48LP Enterprise License and Support, 1YR	\$577.01	\$173.68		100%	\$173.68	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48LP	LIC-MS250-48LP-3YR	Meraki MS250-48LP Enterprise License and Support, 3YR	\$1,053.68	\$317.16		100%	\$317.16	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48LP	LIC-MS250-48LP-5YR	Meraki MS250-48LP Enterprise License and Support, 5YR	\$1,630.69	\$490.84		100%	\$490.84	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48LP	LIC-MS250-48LP-7YR	Meraki MS250-48LP Enterprise License and Support, 7YR	\$2,112.37	\$635.82		100%	\$635.82	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS250-48LP	LIC-MS250-48LP-10Y	Meraki MS250-48LP Enterprise License and Support, 10YR	\$2,689.38	\$809.50		100%	\$809.50	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS350-24	MS350-24-HW	Meraki MS350-24 L3 Stck Cld-Mngd 24x GigE Switch	\$5,694.86	\$1,714.15	\$385.00	100%	\$2,099.15	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24	LIC-MS350-24-1YR	Meraki MS350-24 Enterprise License and Support, 1YR	\$331.16	\$99.68		100%	\$99.68	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24	LIC-MS350-24-3YR	Meraki MS350-24 Enterprise License and Support, 3YR	\$672.35	\$202.38		100%	\$202.38	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24	LIC-MS350-24-5YR	Meraki MS350-24 Enterprise License and Support, 5YR	\$1,003.50	\$302.05		100%	\$302.05	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24	LIC-MS350-24-7YR	Meraki MS350-24 Enterprise License and Support, 7YR	\$1,339.67	\$403.24		100%	\$403.24	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24	LIC-MS350-24-10YR	Meraki MS350-24 Enterprise License and Support, 10YR	\$1,675.85	\$504.43		100%	\$504.43	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS350-24P	MS350-24P-HW	Meraki MS350-24P L3 Stck Cld-Mngd 24x GigE 370W PoE Switch	\$6,477.59	\$1,949.75	\$385.00	100%	\$2,334.75	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24P	LIC-MS350-24P-1YR	Meraki MS350-24P Enterprise License and Support, 1YR	\$381.33	\$114.78		100%	\$114.78	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24P	LIC-MS350-24P-3YR	Meraki MS350-24P Enterprise License and Support, 3YR	\$762.66	\$229.56		100%	\$229.56	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24P	LIC-MS350-24P-5YR	Meraki MS350-24P Enterprise License and Support, 5YR	\$1,143.99	\$344.34		100%	\$344.34	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24P	LIC-MS350-24P-7YR	Meraki MS350-24P Enterprise License and Support, 7YR	\$1,525.32	\$459.12		100%	\$459.12	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24P	LIC-MS350-24P-10YR	Meraki MS350-24P Enterprise License and Support, 10YR	\$1,906.65	\$573.90		100%	\$573.90	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS350-24X	MS350-24X-HW	Meraki MS350-24X L3 Stck Cld-Mngd 24xGigE mGig UPOE Switch	\$7,521.23	\$2,263.89	\$385.00	100%	\$2,648.89	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24X	LIC-MS350-24X-1YR	Meraki MS350-24X Enterprise License and Support, 1YR	\$451.58	\$135.93		100%	\$135.93	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24X	LIC-MS350-24X-3YR	Meraki MS350-24X Enterprise License and Support, 3YR	\$903.15	\$271.85		100%	\$271.85	https://meraki.cisco.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki Switch	MS Lic	MS350-24X	LIC-MS350-24X-5YR	Meraki MS350-24X Enterprise License and Support, 5YR	\$1,354.73	\$407.77		100%	\$407.77	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24X	LIC-MS350-24X-7YR	Meraki MS350-24X Enterprise License and Support, 7YR	\$1,806.30	\$543.70		100%	\$543.70	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-24X	LIC-MS350-24X-10YR	Meraki MS350-24X Enterprise License and Support, 10YR	\$2,182.61	\$656.97		100%	\$656.97	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS350-48	MS350-48-HW	Meraki MS350-48 L3 Stck Cld-Mngd 48x GigE Switch	\$9,227.18	\$2,777.38	\$385.00	100%	\$3,162.38	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48	LIC-MS350-48-1YR	Meraki MS350-48 Enterprise License and Support, 1YR	\$541.89	\$163.11		100%	\$163.11	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48	LIC-MS350-48-3YR	Meraki MS350-48 Enterprise License and Support, 3YR	\$1,083.78	\$326.22		100%	\$326.22	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48	LIC-MS350-48-5YR	Meraki MS350-48 Enterprise License and Support, 5YR	\$1,625.67	\$489.33		100%	\$489.33	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48	LIC-MS350-48-7YR	Meraki MS350-48 Enterprise License and Support, 7YR	\$2,167.56	\$652.44		100%	\$652.44	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48	LIC-MS350-48-10YR	Meraki MS350-48 Enterprise License and Support, 10YR	\$2,709.45	\$815.54		100%	\$815.54	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS350-48FP	MS350-48FP-HW	Meraki MS350-48FP L3 Stck Cld-Mngd 48x GigE 740W PoE Switch	\$11,675.72	\$3,514.39	\$385.00	100%	\$3,899.39	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48FP	LIC-MS350-48FP-1YR	Meraki MS350-48FP Enterprise License and Support, 1YR	\$687.40	\$206.91		100%	\$206.91	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48FP	LIC-MS350-48FP-3YR	Meraki MS350-48FP Enterprise License and Support, 3YR	\$1,374.80	\$413.81		100%	\$413.81	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48FP	LIC-MS350-48FP-5YR	Meraki MS350-48FP Enterprise License and Support, 5YR	\$2,062.19	\$620.72		100%	\$620.72	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48FP	LIC-MS350-48FP-7YR	Meraki MS350-48FP Enterprise License and Support, 7YR	\$2,749.59	\$827.63		100%	\$827.63	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48FP	LIC-MS350-48FP-10Y	Meraki MS350-48FP Enterprise License and Support, 10YR	\$3,431.97	\$1,033.02		100%	\$1,033.02	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS350-48LP	MS350-48LP-HW	Meraki MS350-48LP L3 Stck Cld-Mngd 48x GigE 370W PoE Switch	\$10,702.33	\$3,221.40	\$385.00	100%	\$3,606.40	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48LP	LIC-MS350-48LP-1YR	Meraki MS350-48LP Enterprise License and Support, 1YR	\$632.21	\$190.30		100%	\$190.30	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48LP	LIC-MS350-48LP-3YR	Meraki MS350-48LP Enterprise License and Support, 3YR	\$1,259.39	\$379.08		100%	\$379.08	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48LP	LIC-MS350-48LP-5YR	Meraki MS350-48LP Enterprise License and Support, 5YR	\$1,886.58	\$567.86		100%	\$567.86	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48LP	LIC-MS350-48LP-7YR	Meraki MS350-48LP Enterprise License and Support, 7YR	\$2,518.79	\$758.16		100%	\$758.16	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS350-48LP	LIC-MS350-48LP-10Y	Meraki MS350-48LP Enterprise License and Support, 10YR	\$3,145.97	\$946.94		100%	\$946.94	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS355-24X	MS355-24X-HW	Meraki MS355-L3 Stck Cld-Mngd 24GE, 8xmG UPOE Switch	\$10,285.88	\$3,096.05	\$385.00	100%	\$3,481.05	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-24X	LIC-MS355-24X-1YR	Meraki MS355-24X Enterprise License and Support, 1 Year	\$617.15	\$185.76		100%	\$185.76	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-24X	LIC-MS355-24X-3YR	Meraki MS355-24X Enterprise License and Support, 3 Year	\$1,234.31	\$371.53		100%	\$371.53	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-24X	LIC-MS355-24X-5YR	Meraki MS355-24X Enterprise License and Support, 5 Year	\$1,851.46	\$557.29		100%	\$557.29	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-24X	LIC-MS355-24X-7YR	Meraki MS355-24X Enterprise License and Support, 7 Year	\$2,594.05	\$780.81		100%	\$780.81	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-24X	LIC-MS355-24X-10YR	Meraki MS355-24X Enterprise License and Support, 10 Year	\$3,702.92	\$1,114.58		100%	\$1,114.58	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS355-24X2	MS355-24X2-HW	Meraki MS355-L3 Stck Cld-Mngd 24xmG UPOE Switch	\$13,948.65	\$4,198.54	\$385.00	100%	\$4,583.54	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-24X2	LIC-MS355-24X2-1YR	Meraki MS355-24X2 Enterprise License and Support, 1 Year	\$837.92	\$252.21		100%	\$252.21	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-24X2	LIC-MS355-24X2-3YR	Meraki MS355-24X2 Enterprise License and Support, 3 Year	\$1,675.85	\$504.43		100%	\$504.43	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-24X2	LIC-MS355-24X2-5YR	Meraki MS355-24X2 Enterprise License and Support, 5 Year	\$2,508.75	\$755.13		100%	\$755.13	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-24X2	LIC-MS355-24X2-7YR	Meraki MS355-24X2 Enterprise License and Support, 7 Year	\$3,517.27	\$1,058.70		100%	\$1,058.70	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-24X2	LIC-MS355-24X2-10Y	Meraki MS355-24X2 Enterprise License and Support, 10 Year	\$5,022.52	\$1,511.78		100%	\$1,511.78	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS355-48X	MS355-48X-HW	Meraki MS355-L3 Stck Cld-Mngd 48GE, 16xmG UPOE Switch	\$16,858.80	\$5,074.50	\$385.00	100%	\$5,459.50	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-48X	LIC-MS355-48X-1YR	Meraki MS355-48X Enterprise License and Support, 1 Year	\$1,013.54	\$305.08		100%	\$305.08	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-48X	LIC-MS355-48X-3YR	Meraki MS355-48X Enterprise License and Support, 3 Year	\$2,022.05	\$608.64		100%	\$608.64	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-48X	LIC-MS355-48X-5YR	Meraki MS355-48X Enterprise License and Support, 5 Year	\$3,035.59	\$913.71		100%	\$913.71	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-48X	LIC-MS355-48X-7YR	Meraki MS355-48X Enterprise License and Support, 7 Year	\$4,249.82	\$1,279.20		100%	\$1,279.20	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-48X	LIC-MS355-48X-10YR	Meraki MS355-48X Enterprise License and Support, 10 Year	\$6,071.18	\$1,827.43		100%	\$1,827.43	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS355-48X2	MS355-48X2-HW	Meraki MS355-L3 Stck Cld-Mngd 48GE, 24xmG UPOE Switch	\$18,564.75	\$5,587.99	\$385.00	100%	\$5,972.99	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-48X2	LIC-MS355-48X2-1YR	Meraki MS355-48X2 Enterprise License and Support, 1 Year	\$1,113.89	\$335.28		100%	\$335.28	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-48X2	LIC-MS355-48X2-3YR	Meraki MS355-48X2 Enterprise License and Support, 3 Year	\$2,227.77	\$670.56		100%	\$670.56	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-48X2	LIC-MS355-48X2-5YR	Meraki MS355-48X2 Enterprise License and Support, 5 Year	\$3,341.66	\$1,005.84		100%	\$1,005.84	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-48X2	LIC-MS355-48X2-7YR	Meraki MS355-48X2 Enterprise License and Support, 7 Year	\$4,676.31	\$1,407.57		100%	\$1,407.57	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS355-48X2	LIC-MS355-48X2-10Y	Meraki MS355-48X2 Enterprise License and Support, 10 Year	\$6,683.31	\$2,011.68		100%	\$2,011.68	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS390-24	MS390-24-HW	Meraki MS390 24GE L3 Switch	\$5,031.41	\$1,514.45	\$385.00	100%	\$1,899.45	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS390-24P	MS390-24P-HW	Meraki MS390 24GE L3 POE+ Switch	\$5,939.28	\$1,787.72	\$385.00	100%	\$2,172.72	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS390-24U	MS390-24U-HW	Meraki MS390 24GE L3 UPOE Switch	\$6,416.07	\$1,931.24	\$385.00	100%	\$2,316.24	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS390-24UX	MS390-24UX-HW	Meraki MS390 24mGig L3 UPOE Switch	\$13,042.49	\$3,925.79	\$385.00	100%	\$4,310.79	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-24A	LIC-MS390-24A-1Y	Meraki MS390 24-port Advanced License and Support, 1 Year	\$1,344.69	\$404.75		100%	\$404.75	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-24A	LIC-MS390-24A-3Y	Meraki MS390 24-port Advanced License and Support, 3 Year	\$2,684.36	\$807.99		100%	\$807.99	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-24A	LIC-MS390-24A-5Y	Meraki MS390 24-port Advanced License and Support, 5 Year	\$4,029.05	\$1,212.74		100%	\$1,212.74	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-24A	LIC-MS390-24A-7Y	Meraki MS390 24-port Advanced License and Support, 7 Year	\$5,639.67	\$1,697.54		100%	\$1,697.54	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-24A	LIC-MS390-24A-10Y	Meraki MS390 24-port Advanced License and Support, 10 Year	\$8,058.11	\$2,425.49		100%	\$2,425.49	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-24E	LIC-MS390-24E-1Y	Meraki MS390 24-port Enterprise License and Support, 1 Year	\$561.96	\$169.15		100%	\$169.15	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-24E	LIC-MS390-24E-3Y	Meraki MS390 24-port Enterprise License and Support, 3 Year	\$1,128.94	\$339.81		100%	\$339.81	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-24E	LIC-MS390-24E-5Y	Meraki MS390 24-port Enterprise License and Support, 5 Year	\$1,690.90	\$508.96		100%	\$508.96	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-24E	LIC-MS390-24E-7Y	Meraki MS390 24-port Enterprise License and Support, 7 Year	\$2,368.26	\$712.85		100%	\$712.85	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-24E	LIC-MS390-24E-10Y	Meraki MS390 24-port Enterprise License and Support, 10 Year	\$3,381.80	\$1,017.92		100%	\$1,017.92	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS390-48	MS390-48-HW	Meraki MS390 48GE L3 Switch	\$8,412.86	\$2,532.27	\$385.00	100%	\$2,917.27	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS390-48P	MS390-48P-HW	Meraki MS390 48GE L3 POE+ Switch	\$10,038.22	\$3,021.50	\$385.00	100%	\$3,406.50	https://meraki.cisco.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki Switch	MS HW	MS390-48U	MS390-48U-HW	Meraki MS390 48GE L3 POE Switch	\$11,086.79	\$3,337.12	\$385.00	100%	\$3,722.12	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS390-48UX	MS390-48UX-HW	Meraki MS390 48 port 12mGig, 36m2.5G L3 POE Switch	\$12,987.49	\$3,909.23	\$385.00	100%	\$4,294.23	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS390-48UX2	MS390-48UX2-HW	Meraki MS390 48m5G L3 POE Switch	\$12,543.75	\$3,775.67	\$385.00	100%	\$4,160.67	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-48A	LIC-MS390-48A-1Y	Meraki MS390 48-port Advanced License and Support, 1 Year	\$2,483.66	\$747.58		100%	\$747.58	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-48A	LIC-MS390-48A-3Y	Meraki MS390 48-port Advanced License and Support, 3 Year	\$4,967.33	\$1,495.17		100%	\$1,495.17	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-48A	LIC-MS390-48A-5Y	Meraki MS390 48-port Advanced License and Support, 5 Year	\$7,450.99	\$2,242.75		100%	\$2,242.75	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-48A	LIC-MS390-48A-7Y	Meraki MS390 48-port Advanced License and Support, 7 Year	\$10,431.38	\$3,139.85		100%	\$3,139.85	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-48A	LIC-MS390-48A-10Y	Meraki MS390 48-port Advanced License and Support, 10 Year	\$14,901.98	\$4,485.50		100%	\$4,485.50	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-48E	LIC-MS390-48E-1Y	Meraki MS390 48-port Enterprise License and Support, 1 Year	\$1,008.52	\$303.56		100%	\$303.56	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-48E	LIC-MS390-48E-3Y	Meraki MS390 48-port Enterprise License and Support, 3 Year	\$2,017.04	\$607.13		100%	\$607.13	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-48E	LIC-MS390-48E-5Y	Meraki MS390 48-port Enterprise License and Support, 5 Year	\$3,025.55	\$910.69		100%	\$910.69	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-48E	LIC-MS390-48E-7Y	Meraki MS390 48-port Enterprise License and Support, 7 Year	\$4,234.77	\$1,274.67		100%	\$1,274.67	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS390-48E	LIC-MS390-48E-10Y	Meraki MS390 48-port Enterprise License and Support, 10 Year	\$6,051.11	\$1,821.38		100%	\$1,821.38	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS410-16	MS410-16-HW	Meraki MS410-16 Cld-Mngd 16x GigE SFP Switch	\$8,529.75	\$2,567.45	\$385.00	100%	\$2,952.45	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS410-16	LIC-MS410-16-1YR	Meraki MS410-16 Enterprise License and Support, 1YR	\$501.75	\$151.03		100%	\$151.03	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS410-16	LIC-MS410-16-3YR	Meraki MS410-16 Enterprise License and Support, 3YR	\$1,003.50	\$302.05		100%	\$302.05	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS410-16	LIC-MS410-16-5YR	Meraki MS410-16 Enterprise License and Support, 5YR	\$1,505.25	\$453.08		100%	\$453.08	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS410-16	LIC-MS410-16-7YR	Meraki MS410-16 Enterprise License and Support, 7YR	\$2,007.00	\$604.11		100%	\$604.11	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS410-16	LIC-MS410-16-10YR	Meraki MS410-16 Enterprise License and Support, 10YR	\$3,010.50	\$906.16		100%	\$906.16	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS410-32	MS410-32-HW	Meraki MS410-32 Cld-Mngd 32x GigE SFP Switch	\$15,052.50	\$4,530.80	\$385.00	100%	\$4,915.80	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS410-32	LIC-MS410-32-1YR	Meraki MS410-32 Enterprise License and Support, 1YR	\$883.08	\$265.81		100%	\$265.81	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS410-32	LIC-MS410-32-3YR	Meraki MS410-32 Enterprise License and Support, 3YR	\$1,771.18	\$533.13		100%	\$533.13	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS410-32	LIC-MS410-32-5YR	Meraki MS410-32 Enterprise License and Support, 5YR	\$2,654.26	\$798.93		100%	\$798.93	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS410-32	LIC-MS410-32-7YR	Meraki MS410-32 Enterprise License and Support, 7YR	\$3,542.36	\$1,066.25		100%	\$1,066.25	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS410-32	LIC-MS410-32-10YR	Meraki MS410-32 Enterprise License and Support, 10YR	\$5,308.52	\$1,597.86		100%	\$1,597.86	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS425-16	MS425-16-HW	Meraki MS425-16 L3 Cld-Mngd 16x 10G SFP+ Switch	\$14,049.00	\$4,228.75	\$385.00	100%	\$4,613.75	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS425-16	LIC-MS425-16-1YR	Meraki MS425-16 Enterprise License and Support, 1YR	\$827.89	\$249.19		100%	\$249.19	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS425-16	LIC-MS425-16-3YR	Meraki MS425-16 Enterprise License and Support, 3YR	\$1,655.78	\$498.39		100%	\$498.39	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS425-16	LIC-MS425-16-5YR	Meraki MS425-16 Enterprise License and Support, 5YR	\$2,478.65	\$746.07		100%	\$746.07	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS425-16	LIC-MS425-16-7YR	Meraki MS425-16 Enterprise License and Support, 7YR	\$3,306.53	\$995.27		100%	\$995.27	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS425-16	LIC-MS425-16-10YR	Meraki MS425-16 Enterprise License and Support, 10YR	\$4,957.29	\$1,492.14		100%	\$1,492.14	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS425-32	MS425-32-HW	Meraki MS425-32 L3 Cld-Mngd 32x 10G SFP+ Switch	\$22,077.00	\$6,645.18	\$385.00	100%	\$7,030.18	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS425-32	LIC-MS425-32-1YR	Meraki MS425-32 Enterprise License and Support, 1YR	\$1,299.53	\$391.16		100%	\$391.16	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS425-32	LIC-MS425-32-3YR	Meraki MS425-32 Enterprise License and Support, 3YR	\$2,599.07	\$782.32		100%	\$782.32	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS425-32	LIC-MS425-32-5YR	Meraki MS425-32 Enterprise License and Support, 5YR	\$3,893.58	\$1,171.97		100%	\$1,171.97	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS425-32	LIC-MS425-32-7YR	Meraki MS425-32 Enterprise License and Support, 7YR	\$5,193.11	\$1,563.13		100%	\$1,563.13	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS425-32	LIC-MS425-32-10YR	Meraki MS425-32 Enterprise License and Support, 10YR	\$7,792.18	\$2,345.45		100%	\$2,345.45	https://meraki.cisco.com
Cisco Meraki Switch	MS HW	MS450-12	MS450-12-HW	Meraki MS450-L3 Stack Cld-Mngd 12x40GE Aggregation Switch	\$20,772.45	\$6,252.51	\$385.00	100%	\$6,637.51	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS450-12	LIC-MS450-12-1YR	Meraki MS450-12 Enterprise License and Support, 1 Year	\$1,244.34	\$374.55		100%	\$374.55	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS450-12	LIC-MS450-12-3YR	Meraki MS450-12 Enterprise License and Support, 3 Year	\$2,493.70	\$750.60		100%	\$750.60	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS450-12	LIC-MS450-12-5YR	Meraki MS450-12 Enterprise License and Support, 5 Year	\$3,738.04	\$1,125.15		100%	\$1,125.15	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS450-12	LIC-MS450-12-7YR	Meraki MS450-12 Enterprise License and Support, 7 Year	\$5,233.25	\$1,575.21		100%	\$1,575.21	https://meraki.cisco.com
Cisco Meraki Switch	MS Lic	MS450-12	LIC-MS450-12-10YR	Meraki MS450-12 Enterprise License and Support, 10 Year	\$7,476.08	\$2,250.30		100%	\$2,250.30	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-100G-1M	Meraki 100GbE QSFP Cable, 1 Meter	\$662.10	\$199.29		100%	\$199.29	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-100G-3M	Meraki 100GbE QSFP Cable, 3 Meter	\$662.10	\$199.29		100%	\$199.29	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-100G-50CM	Meraki 100GbE QSFP Cable, 0.5 Meter	\$662.10	\$199.29		100%	\$199.29	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-120G-1M	Meraki MS390 120G Data-Stack Cable, 1 meter	\$250.88	\$75.51		100%	\$75.51	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-120G-3M	Meraki MS390 120G Data-Stack Cable, 3 meter	\$376.31	\$113.27		100%	\$113.27	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-120G-50CM	Meraki MS390 120G Data-Stack Cable, 50 centimeter	\$125.44	\$37.76		100%	\$37.76	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-40G-1M	Meraki 40GbE QSFP Cable, 1 Meter	\$220.70	\$66.43		100%	\$66.43	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-40G-3M	Meraki 40GbE QSFP Cable, 3 Meter	\$331.05	\$99.65		100%	\$99.65	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-40G-50CM	Meraki 40GbE QSFP Cable, 0.5 Meter	\$110.35	\$33.22		100%	\$33.22	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-SPWR-150CM	Meraki MS390 Power-Stack Cable, 150 centimeter	\$225.75	\$67.95		100%	\$67.95	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-SPWR-30CM	Meraki MS390 Power-Stack Cable, 30 centimeter	\$110.37	\$33.22		100%	\$33.22	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-TA-1M	Meraki 10 GbE Twinax Cable with SFP+ Modules, 1 Meter	\$110.35	\$33.22		100%	\$33.22	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-CBL-TA-3M	Meraki 10 GbE Twinax Cable with SFP+ Modules, 3 Meter	\$165.53	\$49.82		100%	\$49.82	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-FAN-16K	Meraki Front-to-Back Fan, 16K RPM	\$313.38	\$94.33		100%	\$94.33	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-FAN-16K2	Meraki MS390 Fan	\$301.05	\$90.62		100%	\$90.62	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-FAN-18K	Meraki Front-to-Back Fan, 18K RPM	\$313.38	\$94.33		100%	\$94.33	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-MNT-MID-1	Meraki MS225 and MS250 Mid-Mount Kit	\$75.26	\$22.65		100%	\$22.65	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-MOD-2X40G	Meraki MS390 2x40GE Module	\$2,558.93	\$770.24		100%	\$770.24	https://meraki.cisco.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki Switch	MS Acc	MS Accessory	MA-MOD-4X10G	Meraki MS390 4x10GE Module	\$1,304.55	\$392.67		100%	\$392.67	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-MOD-8X10G	Meraki MS390 8x10GE Module	\$2,653.93	\$798.83		100%	\$798.83	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-PWR-1025WAC	Meraki 1025WAC PSU	\$1,817.58	\$547.09		100%	\$547.09	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-PWR-1100WAC	Meraki MS390 1100W AC Power Supply	\$1,976.65	\$594.97		100%	\$594.97	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-PWR-250WAC	Meraki 250WAC PSU	\$564.08	\$169.79		100%	\$169.79	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-PWR-350WAC	Meraki MS390 350W AC Power Supply	\$677.28	\$203.86		100%	\$203.86	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-PWR-640WAC	Meraki 640WAC PSU	\$1,190.83	\$358.44		100%	\$358.44	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-PWR-715WAC	Meraki MS390 715W AC Power Supply	\$1,299.38	\$391.11		100%	\$391.11	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-PWR-CORD-US	Meraki AC Power Cord for MX and MS (US Plug)	\$23.82	\$7.17		100%	\$7.17	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-QSFP-100G-LR4	Meraki LR4 QSFP 100G Transceiver	\$33,099.48	\$9,962.94		100%	\$9,962.94	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-QSFP-100G-SR4	Meraki SR4 QSFP 100G Transceiver	\$2,201.48	\$662.65		100%	\$662.65	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-QSFP-40G-CSR4	Meraki CSR4 QSFP 40G Transceiver	\$3,304.98	\$994.80		100%	\$994.80	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-QSFP-40G-LR4	Meraki LR4 QSFP 40G Transceiver	\$10,938.15	\$3,292.38		100%	\$3,292.38	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-QSFP-40G-SR4	Meraki SR4 QSFP 40G Transceiver	\$3,304.98	\$994.80		100%	\$994.80	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-QSFP-40G-SR-BD	Meraki SR-BD QSFP 40G Transceiver	\$1,098.83	\$330.75		100%	\$330.75	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-RCKMNT	Meraki MS390 4-post Rack Mount Kit	\$340.93	\$102.62		100%	\$102.62	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-SFP-10GB-ER	Meraki 10G Base ER Module	\$10,035.00	\$3,020.54		100%	\$3,020.54	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-SFP-10GB-LR	Meraki 10G Base LR Single-Mode	\$4,008.98	\$1,206.70		100%	\$1,206.70	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-SFP-10GB-LRM	Meraki 10G Base LRM Multi-Mode	\$998.48	\$300.54		100%	\$300.54	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-SFP-10GB-SR	Meraki 10G Base SR Multi-Mode	\$998.48	\$300.54		100%	\$300.54	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-SFP-10GB-ZR	Meraki 10G Base ZR Module	\$16,056.00	\$4,832.86		100%	\$4,832.86	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-SFP-1GB-LX10	Meraki 1000Base LX10 Single-Mode	\$998.48	\$300.54		100%	\$300.54	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-SFP-1GB-SX	Meraki 1000Base SX Multi-Mode	\$501.75	\$151.03		100%	\$151.03	https://meraki.cisco.com
Cisco Meraki Switch	MS Acc	MS Accessory	MA-SFP-1GB-TX	Meraki 1 GbE SFP Copper Module	\$435.88	\$131.20		100%	\$131.20	https://meraki.cisco.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki Firewall	MX HW	MX64	MX64-HW	Meraki MX64 Router/Security Appliance	\$597.08	\$179.72	TBD	100%	\$179.72	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64	LIC-MX64-ENT-1YR	Meraki MX64 Enterprise License and Support, 1YR	\$301.05	\$90.62		100%	\$90.62	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64	LIC-MX64-ENT-3YR	Meraki MX64 Enterprise License and Support, 3YR	\$602.10	\$181.23		100%	\$181.23	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64	LIC-MX64-ENT-5YR	Meraki MX64 Enterprise License and Support, 5YR	\$903.15	\$271.85		100%	\$271.85	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64	LIC-MX64-ENT-7YR	Meraki MX64 Enterprise License and Support, 7YR	\$1,264.41	\$380.59		100%	\$380.59	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64	LIC-MX64-ENT-10YR	Meraki MX64 Enterprise License and Support, 10YR	\$1,806.30	\$543.70		100%	\$543.70	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64	LIC-MX64-SEC-1YR	Meraki MX64 Advanced Security License and Support, 1YR	\$602.10	\$181.23		50%	\$271.85	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64	LIC-MX64-SEC-3YR	Meraki MX64 Advanced Security License and Support, 3YR	\$1,204.20	\$362.46		50%	\$543.69	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64	LIC-MX64-SEC-5YR	Meraki MX64 Advanced Security License and Support, 5YR	\$1,806.30	\$543.70		50%	\$815.55	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64	LIC-MX64-SEC-7YR	Meraki MX64 Advanced Security License and Support, 7YR	\$2,528.82	\$761.17		50%	\$1,141.76	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64	LIC-MX64-SEC-10YR	Meraki MX64 Advanced Security License and Support, 10YR	\$3,612.60	\$1,087.39		50%	\$1,631.09	https://meraki.cisco.com
Cisco Meraki Firewall	MX HW	MX64W	MX64W-HW	Meraki MX64W Router/Security Appliance with 802.11ac	\$948.31	\$285.44	TBD	100%	\$285.44	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64W	LIC-MX64W-ENT-1YR	Meraki MX64W Enterprise License and Support, 1YR	\$326.14	\$98.17		100%	\$98.17	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64W	LIC-MX64W-ENT-3YR	Meraki MX64W Enterprise License and Support, 3YR	\$652.28	\$196.34		100%	\$196.34	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64W	LIC-MX64W-ENT-5YR	Meraki MX64W Enterprise License and Support, 5YR	\$978.41	\$294.50		100%	\$294.50	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64W	LIC-MX64W-ENT-7YR	Meraki MX64W Enterprise License and Support, 7YR	\$1,369.78	\$412.30		100%	\$412.30	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64W	LIC-MX64W-ENT-10YR	Meraki MX64W Enterprise License and Support, 10YR	\$1,956.83	\$589.01		100%	\$589.01	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64W	LIC-MX64W-SEC-1YR	Meraki MX64W Advanced Security License and Support, 1YR	\$652.28	\$196.34		50%	\$294.51	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64W	LIC-MX64W-SEC-3YR	Meraki MX64W Advanced Security License and Support, 3YR	\$1,304.55	\$392.67		50%	\$589.01	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64W	LIC-MX64W-SEC-5YR	Meraki MX64W Advanced Security License and Support, 5YR	\$1,956.83	\$589.01		50%	\$883.52	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64W	LIC-MX64W-SEC-7YR	Meraki MX64W Advanced Security License and Support, 7YR	\$2,739.56	\$824.61		50%	\$1,236.92	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX64W	LIC-MX64W-SEC-10YR	Meraki MX64W Advanced Security License and Support, 10YR	\$3,913.65	\$1,178.01		50%	\$1,767.02	https://meraki.cisco.com
Cisco Meraki Firewall	MX HW	MX67	MX67-HW	Meraki MX67 Router/Security Appliance	\$697.43	\$209.93	TBD	100%	\$209.93	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67	LIC-MX67-ENT-1YR	Meraki MX67 Enterprise License and Support, 1YR	\$351.23	\$105.72		100%	\$105.72	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67	LIC-MX67-ENT-3YR	Meraki MX67 Enterprise License and Support, 3YR	\$702.45	\$211.44		100%	\$211.44	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67	LIC-MX67-ENT-5YR	Meraki MX67 Enterprise License and Support, 5YR	\$1,053.68	\$317.16		100%	\$317.16	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67	LIC-MX67-ENT-7YR	Meraki MX67 Enterprise License and Support, 7YR	\$1,480.16	\$445.53		100%	\$445.53	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67	LIC-MX67-ENT-10YR	Meraki MX67 Enterprise License and Support, 10YR	\$2,107.35	\$634.31		100%	\$634.31	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67	LIC-MX67-SEC-1YR	Meraki MX67 Advanced Security License and Support, 1YR	\$702.45	\$211.44		50%	\$317.16	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67	LIC-MX67-SEC-3YR	Meraki MX67 Advanced Security License and Support, 3YR	\$1,404.90	\$422.87		50%	\$634.31	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67	LIC-MX67-SEC-5YR	Meraki MX67 Advanced Security License and Support, 5YR	\$2,107.35	\$634.31		50%	\$951.47	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67	LIC-MX67-SEC-7YR	Meraki MX67 Advanced Security License and Support, 7YR	\$2,960.33	\$891.06		50%	\$1,336.59	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67	LIC-MX67-SEC-10YR	Meraki MX67 Advanced Security License and Support, 10YR	\$4,214.70	\$1,268.62		50%	\$1,902.93	https://meraki.cisco.com
Cisco Meraki Firewall	MX HW	MX67C	MX67C-HW-NA	Meraki MX67C LTE Router/Security Appliance - N America	\$1,299.53	\$391.16	TBD	100%	\$391.16	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67C	LIC-MX67C-ENT-1YR	Meraki MX67C Enterprise License and Support, 1YR	\$426.49	\$128.37		100%	\$128.37	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67C	LIC-MX67C-ENT-3YR	Meraki MX67C Enterprise License and Support, 3YR	\$852.98	\$256.75		100%	\$256.75	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67C	LIC-MX67C-ENT-5YR	Meraki MX67C Enterprise License and Support, 5YR	\$1,279.46	\$385.12		100%	\$385.12	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67C	LIC-MX67C-ENT-7YR	Meraki MX67C Enterprise License and Support, 7YR	\$1,791.25	\$539.17		100%	\$539.17	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67C	LIC-MX67C-ENT-10YR	Meraki MX67C Enterprise License and Support, 10YR	\$2,558.93	\$770.24		100%	\$770.24	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67C	LIC-MX67C-SEC-1YR	Meraki MX67C Advanced Security License and Support, 1YR	\$852.98	\$256.75		50%	\$385.13	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67C	LIC-MX67C-SEC-3YR	Meraki MX67C Advanced Security License and Support, 3YR	\$1,705.95	\$513.49		50%	\$770.24	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67C	LIC-MX67C-SEC-5YR	Meraki MX67C Advanced Security License and Support, 5YR	\$2,558.93	\$770.24		50%	\$1,155.36	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67C	LIC-MX67C-SEC-7YR	Meraki MX67C Advanced Security License and Support, 7YR	\$3,582.50	\$1,078.33		50%	\$1,617.50	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67C	LIC-MX67C-SEC-10YR	Meraki MX67C Advanced Security License and Support, 10YR	\$5,117.85	\$1,540.47		50%	\$2,310.71	https://meraki.cisco.com
Cisco Meraki Firewall	MX HW	MX67W	MX67W-HW	Meraki MX67W Router/Security Appliance with 802.11ac	\$998.48	\$300.54	TBD	100%	\$300.54	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67W	LIC-MX67W-ENT-1YR	Meraki MX67W Enterprise License and Support, 1YR	\$376.31	\$113.27		100%	\$113.27	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67W	LIC-MX67W-ENT-3YR	Meraki MX67W Enterprise License and Support, 3YR	\$752.63	\$226.54		100%	\$226.54	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67W	LIC-MX67W-ENT-5YR	Meraki MX67W Enterprise License and Support, 5YR	\$1,128.94	\$339.81		100%	\$339.81	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67W	LIC-MX67W-ENT-7YR	Meraki MX67W Enterprise License and Support, 7YR	\$1,580.51	\$475.73		100%	\$475.73	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67W	LIC-MX67W-ENT-10YR	Meraki MX67W Enterprise License and Support, 10YR	\$2,257.88	\$679.62		100%	\$679.62	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67W	LIC-MX67W-SEC-1YR	Meraki MX67W Advanced Security License and Support, 1YR	\$752.63	\$226.54		50%	\$339.81	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67W	LIC-MX67W-SEC-3YR	Meraki MX67W Advanced Security License and Support, 3YR	\$1,505.25	\$453.08		50%	\$679.62	https://meraki.cisco.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki Firewall	MX Lic	MX67W	LIC-MX67W-SEC-5YR	Meraki MX67W Advanced Security License and Support, 5YR	\$2,257.88	\$679.62		50%	\$1,019.43	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67W	LIC-MX67W-SEC-7YR	Meraki MX67W Advanced Security License and Support, 7YR	\$3,161.03	\$951.47		50%	\$1,427.21	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX67W	LIC-MX67W-SEC-10YR	Meraki MX67W Advanced Security License and Support, 10YR	\$4,515.75	\$1,359.24		50%	\$2,038.86	https://meraki.cisco.com
Cisco Meraki Firewall	MX HW	MX68	MX68-HW	Meraki MX68 Router/Security Appliance	\$998.48	\$300.54	TBD	100%	\$300.54	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68	LIC-MX68-ENT-1YR	Meraki MX68 Enterprise License and Support, 1YR	\$376.31	\$113.27		100%	\$113.27	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68	LIC-MX68-ENT-3YR	Meraki MX68 Enterprise License and Support, 3YR	\$752.63	\$226.54		100%	\$226.54	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68	LIC-MX68-ENT-5YR	Meraki MX68 Enterprise License and Support, 5YR	\$1,128.94	\$339.81		100%	\$339.81	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68	LIC-MX68-ENT-7YR	Meraki MX68 Enterprise License and Support, 7YR	\$1,580.51	\$475.73		100%	\$475.73	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68	LIC-MX68-ENT-10YR	Meraki MX68 Enterprise License and Support, 10YR	\$2,257.88	\$679.62		100%	\$679.62	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68	LIC-MX68-SEC-1YR	Meraki MX68 Advanced Security License and Support, 1YR	\$752.63	\$226.54		50%	\$339.81	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68	LIC-MX68-SEC-3YR	Meraki MX68 Advanced Security License and Support, 3YR	\$1,505.25	\$453.08		50%	\$679.62	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68	LIC-MX68-SEC-5YR	Meraki MX68 Advanced Security License and Support, 5YR	\$2,257.88	\$679.62		50%	\$1,019.43	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68	LIC-MX68-SEC-7YR	Meraki MX68 Advanced Security License and Support, 7YR	\$3,161.03	\$951.47		50%	\$1,427.21	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68	LIC-MX68-SEC-10YR	Meraki MX68 Advanced Security License and Support, 10YR	\$4,515.75	\$1,359.24		50%	\$2,038.86	https://meraki.cisco.com
Cisco Meraki Firewall	MX HW	MX68CW	MX68CW-HW-NA	Meraki MX68CW LTE & 802.11ac Router/Security Appliance - NA	\$1,801.28	\$542.19	TBD	100%	\$542.19	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68CW	LIC-MX68CW-ENT-1YR	Meraki MX68CW Enterprise License and Support, 1YR	\$526.84	\$158.58		100%	\$158.58	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68CW	LIC-MX68CW-ENT-3YR	Meraki MX68CW Enterprise License and Support, 3YR	\$1,053.68	\$317.16		100%	\$317.16	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68CW	LIC-MX68CW-ENT-5YR	Meraki MX68CW Enterprise License and Support, 5YR	\$1,580.51	\$475.73		100%	\$475.73	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68CW	LIC-MX68CW-ENT-7YR	Meraki MX68CW Enterprise License and Support, 7YR	\$2,212.72	\$666.03		100%	\$666.03	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68CW	LIC-MX68CW-ENT-10YR	Meraki MX68CW Enterprise License and Support, 10YR	\$3,161.03	\$951.47		100%	\$951.47	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68CW	LIC-MX68CW-SEC-1YR	Meraki MX68CW Advanced Security License and Support, 1YR	\$1,053.68	\$317.16		50%	\$475.74	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68CW	LIC-MX68CW-SEC-3YR	Meraki MX68CW Advanced Security License and Support, 3YR	\$2,107.35	\$634.31		50%	\$951.47	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68CW	LIC-MX68CW-SEC-5YR	Meraki MX68CW Advanced Security License and Support, 5YR	\$3,161.03	\$951.47		50%	\$1,427.21	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68CW	LIC-MX68CW-SEC-7YR	Meraki MX68CW Advanced Security License and Support, 7YR	\$4,425.44	\$1,332.06		50%	\$1,998.09	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68CW	LIC-MX68CW-SEC-10YR	Meraki MX68CW Advanced Security License and Support, 10YR	\$6,322.05	\$1,902.94		50%	\$2,854.41	https://meraki.cisco.com
Cisco Meraki Firewall	MX HW	MX68W	MX68W-HW	Meraki MX68W Router/Security Appliance with 802.11ac	\$1,299.53	\$391.16	TBD	100%	\$391.16	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68W	LIC-MX68W-ENT-1YR	Meraki MX68W Enterprise License and Support, 1YR	\$451.58	\$135.93		100%	\$135.93	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68W	LIC-MX68W-ENT-3YR	Meraki MX68W Enterprise License and Support, 3YR	\$903.15	\$271.85		100%	\$271.85	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68W	LIC-MX68W-ENT-5YR	Meraki MX68W Enterprise License and Support, 5YR	\$1,354.73	\$407.77		100%	\$407.77	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68W	LIC-MX68W-ENT-7YR	Meraki MX68W Enterprise License and Support, 7YR	\$1,896.62	\$570.88		100%	\$570.88	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68W	LIC-MX68W-ENT-10YR	Meraki MX68W Enterprise License and Support, 10YR	\$2,709.45	\$815.54		100%	\$815.54	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68W	LIC-MX68W-SEC-1YR	Meraki MX68W Advanced Security License and Support, 1YR	\$903.15	\$271.85		50%	\$407.78	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68W	LIC-MX68W-SEC-3YR	Meraki MX68W Advanced Security License and Support, 3YR	\$1,806.30	\$543.70		50%	\$815.55	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68W	LIC-MX68W-SEC-5YR	Meraki MX68W Advanced Security License and Support, 5YR	\$2,709.45	\$815.54		50%	\$1,223.31	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68W	LIC-MX68W-SEC-7YR	Meraki MX68W Advanced Security License and Support, 7YR	\$3,793.23	\$1,141.76		50%	\$1,712.64	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX68W	LIC-MX68W-SEC-10YR	Meraki MX68W Advanced Security License and Support, 10YR	\$5,418.90	\$1,631.09		50%	\$2,446.64	https://meraki.cisco.com
Cisco Meraki Firewall	MX HW	MX84	MX84-HW	Meraki MX84 Router/Security Appliance	\$2,001.98	\$602.60	TBD	100%	\$602.60	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX84	LIC-MX84-ENT-1YR	Meraki MX84 Enterprise License and Support, 1YR	\$1,003.50	\$302.05		100%	\$302.05	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX84	LIC-MX84-ENT-3YR	Meraki MX84 Enterprise License and Support, 3YR	\$2,007.00	\$604.11		100%	\$604.11	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX84	LIC-MX84-ENT-5YR	Meraki MX84 Enterprise License and Support, 5YR	\$3,010.50	\$906.16		100%	\$906.16	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX84	LIC-MX84-ENT-7YR	Meraki MX84 Enterprise License and Support, 7YR	\$4,214.70	\$1,268.62		100%	\$1,268.62	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX84	LIC-MX84-ENT-10YR	Meraki MX84 Enterprise License and Support, 10YR	\$6,021.00	\$1,812.32		100%	\$1,812.32	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX84	LIC-MX84-SEC-1YR	Meraki MX84 Advanced Security License and Support, 1YR	\$2,007.00	\$604.11		50%	\$906.17	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX84	LIC-MX84-SEC-3YR	Meraki MX84 Advanced Security License and Support, 3YR	\$4,014.00	\$1,208.21		50%	\$1,812.32	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX84	LIC-MX84-SEC-5YR	Meraki MX84 Advanced Security License and Support, 5YR	\$6,021.00	\$1,812.32		50%	\$2,718.48	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX84	LIC-MX84-SEC-7YR	Meraki MX84 Advanced Security License and Support, 7YR	\$8,429.40	\$2,537.25		50%	\$3,805.88	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX84	LIC-MX84-SEC-10YR	Meraki MX84 Advanced Security License and Support, 10YR	\$12,042.00	\$3,624.64		50%	\$5,436.96	https://meraki.cisco.com
Cisco Meraki Firewall	MX HW	MX100	MX100-HW	Meraki MX100 Router/Security Appliance	\$5,012.48	\$1,508.76	TBD	100%	\$1,508.76	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX100	LIC-MX100-ENT-1YR	Meraki MX100 Enterprise License and Support, 1YR	\$2,508.75	\$755.13		100%	\$755.13	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX100	LIC-MX100-ENT-3YR	Meraki MX100 Enterprise License and Support, 3YR	\$5,017.50	\$1,510.27		100%	\$1,510.27	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX100	LIC-MX100-ENT-5YR	Meraki MX100 Enterprise License and Support, 5YR	\$7,526.25	\$2,265.40		100%	\$2,265.40	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX100	LIC-MX100-ENT-7YR	Meraki MX100 Enterprise License and Support, 7YR	\$10,536.75	\$3,171.56		100%	\$3,171.56	https://meraki.cisco.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki Firewall	MX Lic	MX100	LIC-MX100-ENT-10YR	Meraki MX100 Enterprise License and Support, 10YR	\$15,052.50	\$4,530.80		100%	\$4,530.80	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX100	LIC-MX100-SEC-1YR	Meraki MX100 Advanced Security License and Support, 1YR	\$5,017.50	\$1,510.27		50%	\$2,265.41	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX100	LIC-MX100-SEC-3YR	Meraki MX100 Advanced Security License and Support, 3YR	\$10,035.00	\$3,020.54		50%	\$4,530.81	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX100	LIC-MX100-SEC-5YR	Meraki MX100 Advanced Security License and Support, 5YR	\$15,052.50	\$4,530.80		50%	\$6,796.20	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX100	LIC-MX100-SEC-7YR	Meraki MX100 Advanced Security License and Support, 7YR	\$21,073.50	\$6,343.12		50%	\$9,514.68	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX100	LIC-MX100-SEC-10YR	Meraki MX100 Advanced Security License and Support, 10YR	\$30,105.00	\$9,061.61		50%	\$13,592.42	https://meraki.cisco.com
Cisco Meraki Firewall	MX HW	MX250	MX250-HW	Meraki MX250 Router/Security Appliance	\$10,029.98	\$3,019.02	TBD	100%	\$3,019.02	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX250	LIC-MX250-ENT-1YR	Meraki MX250 Enterprise License and Support, 1YR	\$5,017.50	\$1,510.27		100%	\$1,510.27	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX250	LIC-MX250-ENT-3YR	Meraki MX250 Enterprise License and Support, 3YR	\$10,035.00	\$3,020.54		100%	\$3,020.54	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX250	LIC-MX250-ENT-5YR	Meraki MX250 Enterprise License and Support, 5YR	\$15,052.50	\$4,530.80		100%	\$4,530.80	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX250	LIC-MX250-ENT-7YR	Meraki MX250 Enterprise License and Support, 7YR	\$21,073.50	\$6,343.12		100%	\$6,343.12	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX250	LIC-MX250-ENT-10YR	Meraki MX250 Enterprise License and Support, 10YR	\$30,105.00	\$9,061.61		100%	\$9,061.61	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX250	LIC-MX250-SEC-1YR	Meraki MX250 Advanced Security License and Support, 1YR	\$10,035.00	\$3,020.54		50%	\$4,530.81	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX250	LIC-MX250-SEC-3YR	Meraki MX250 Advanced Security License and Support, 3YR	\$20,070.00	\$6,041.07		50%	\$9,061.61	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX250	LIC-MX250-SEC-5YR	Meraki MX250 Advanced Security License and Support, 5YR	\$30,105.00	\$9,061.61		50%	\$13,592.42	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX250	LIC-MX250-SEC-7YR	Meraki MX250 Advanced Security License and Support, 7YR	\$42,147.00	\$12,686.25		50%	\$19,029.38	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX250	LIC-MX250-SEC-10YR	Meraki MX250 Advanced Security License and Support, 10YR	\$60,210.00	\$18,123.21		50%	\$27,184.82	https://meraki.cisco.com
Cisco Meraki Firewall	MX HW	MX450	MX450-HW	Meraki MX450 Router/Security Appliance	\$20,064.98	\$6,039.56	TBD	100%	\$6,039.56	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX450	LIC-MX450-ENT-1YR	Meraki MX450 Enterprise License and Support, 1YR	\$10,035.00	\$3,020.54		100%	\$3,020.54	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX450	LIC-MX450-ENT-3YR	Meraki MX450 Enterprise License and Support, 3YR	\$20,070.00	\$6,041.07		100%	\$6,041.07	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX450	LIC-MX450-ENT-5YR	Meraki MX450 Enterprise License and Support, 5YR	\$30,105.00	\$9,061.61		100%	\$9,061.61	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX450	LIC-MX450-ENT-7YR	Meraki MX450 Enterprise License and Support, 7YR	\$42,147.00	\$12,686.25		100%	\$12,686.25	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX450	LIC-MX450-ENT-10YR	Meraki MX450 Enterprise License and Support, 10YR	\$60,210.00	\$18,123.21		100%	\$18,123.21	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX450	LIC-MX450-SEC-1YR	Meraki MX450 Advanced Security License and Support, 1YR	\$20,070.00	\$6,041.07		50%	\$9,061.61	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX450	LIC-MX450-SEC-3YR	Meraki MX450 Advanced Security License and Support, 3YR	\$40,140.00	\$12,082.14		50%	\$18,123.21	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX450	LIC-MX450-SEC-5YR	Meraki MX450 Advanced Security License and Support, 5YR	\$60,210.00	\$18,123.21		50%	\$27,184.82	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX450	LIC-MX450-SEC-7YR	Meraki MX450 Advanced Security License and Support, 7YR	\$84,294.00	\$25,372.49		50%	\$38,058.74	https://meraki.cisco.com
Cisco Meraki Firewall	MX Lic	MX450	LIC-MX450-SEC-10YR	Meraki MX450 Advanced Security License and Support, 10YR	\$120,420.00	\$36,246.42		50%	\$54,369.63	https://meraki.cisco.com
Cisco Meraki Firewall	Z HW	Z3	Z3-HW	Meraki Z3 Cloud Managed Teleworker Gateway	\$496.73	\$149.52	TBD	100%	\$149.52	https://meraki.cisco.com
Cisco Meraki Firewall	Z Lic	Z3	LIC-Z3-ENT-1YR	Meraki Z3 Enterprise License and Support, 1YR	\$150.53	\$45.31		100%	\$45.31	https://meraki.cisco.com
Cisco Meraki Firewall	Z Lic	Z3	LIC-Z3-ENT-3YR	Meraki Z3 Enterprise License and Support, 3YR	\$301.05	\$90.62		100%	\$90.62	https://meraki.cisco.com
Cisco Meraki Firewall	Z Lic	Z3	LIC-Z3-ENT-5YR	Meraki Z3 Enterprise License and Support, 5YR	\$451.58	\$135.93		100%	\$135.93	https://meraki.cisco.com
Cisco Meraki Firewall	Z Lic	Z3	LIC-Z3-ENT-7YR	Meraki Z3 Enterprise License and Support, 7YR	\$632.21	\$190.30		100%	\$190.30	https://meraki.cisco.com
Cisco Meraki Firewall	Z Lic	Z3	LIC-Z3-ENT-10YR	Meraki Z3 Enterprise License and Support, 10YR	\$903.15	\$271.85		100%	\$271.85	https://meraki.cisco.com
Cisco Meraki Firewall	Z HW	Z3C	Z3C-HW-NA	Meraki Z3C LTE Teleworker Gateway - N America	\$847.96	\$255.24	TBD	100%	\$255.24	https://meraki.cisco.com
Cisco Meraki Firewall	Z Lic	Z3C	LIC-Z3C-ENT-1YR	Meraki Z3C Enterprise License and Support, 1YR	\$225.79	\$67.96		100%	\$67.96	https://meraki.cisco.com
Cisco Meraki Firewall	Z Lic	Z3C	LIC-Z3C-ENT-3YR	Meraki Z3C Enterprise License and Support, 3YR	\$451.58	\$135.93		100%	\$135.93	https://meraki.cisco.com
Cisco Meraki Firewall	Z Lic	Z3C	LIC-Z3C-ENT-5YR	Meraki Z3C Enterprise License and Support, 5YR	\$677.36	\$203.89		100%	\$203.89	https://meraki.cisco.com
Cisco Meraki Firewall	Z Lic	Z3C	LIC-Z3C-ENT-7YR	Meraki Z3C Enterprise License and Support, 7YR	\$948.31	\$285.44		100%	\$285.44	https://meraki.cisco.com
Cisco Meraki Firewall	Z Lic	Z3C	LIC-Z3C-ENT-10YR	Meraki Z3C Enterprise License and Support, 10YR	\$1,354.73	\$407.77		100%	\$407.77	https://meraki.cisco.com
Cisco Meraki Firewall	Z Acc	Z Accessory	MA-STND-1	Meraki Z3 Vertical Desktop Stand	\$56.41	\$16.98		100%	\$16.98	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-SFP-10GB-SR	Meraki 10G Base SR Multi-Mode	\$998.48	\$300.54		100%	\$300.54	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-ANT-MX	Meraki Wireless MX Replacement Antenna	\$25.09	\$7.55		100%	\$7.55	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-SFP-1GB-SX	Meraki 1000Base SX Multi-Mode	\$501.75	\$151.03		100%	\$151.03	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-CORD-AU	Meraki AC Power Cord for MX and MS (AU Plug)	\$23.82	\$7.17		100%	\$7.17	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-30WAC	Meraki MX64 Replacement Power Adapter (30 WAC)	\$81.48	\$24.53		100%	\$24.53	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-CORD-UK	Meraki AC Power Cord for MX and MS (UK Plug)	\$23.82	\$7.17		100%	\$7.17	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-SFP-1GB-LX10	Meraki 1000Base LX10 Single-Mode	\$998.48	\$300.54		100%	\$300.54	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-SFP-10GB-LRM	Meraki 10G Base LRM Multi-Mode	\$998.48	\$300.54		100%	\$300.54	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-SFP-10GB-LR	Meraki 10G Base LR Single-Mode	\$4,008.98	\$1,206.70		100%	\$1,206.70	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-CORD-AR	Meraki AC Power Cord for MX and MS (AR Plug)	\$23.82	\$7.17		100%	\$7.17	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-ANT-LTE-1	Meraki MX67C Replacement LTE Antenna (1 pair)	\$50.18	\$15.10		100%	\$15.10	https://meraki.cisco.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-CORD-IN	Meraki AC Power Cord for MX and MS (India Plug)	\$23.82	\$7.17		100%	\$7.17	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-90WAC	Meraki MS120-8LP/MX65 Replacement Power Adapter (90 WAC)	\$200.56	\$60.37		100%	\$60.37	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-CORD-BR	Meraki AC Power Cord for MX and MS (Brazil Plug)	\$23.82	\$7.17		100%	\$7.17	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-CORD-CN	Meraki AC Power Cord for MX and MS (China Plug)	\$23.82	\$7.17		100%	\$7.17	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-100WAC	Meraki MX68 Replacement Power Adapter (100 WAC)	\$200.56	\$60.37		100%	\$60.37	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-50WAC	Meraki Z3 Replacement Power Adapter (50 WAC)	\$125.35	\$37.73		100%	\$37.73	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-SFP-10GB-ZR	Meraki 10G Base ZR Module	\$16,056.00	\$4,832.86		100%	\$4,832.86	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-CORD-EU	Meraki AC Power Cord for MX and MS (EU Plug)	\$23.82	\$7.17		100%	\$7.17	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-PWR-CORD-US	Meraki AC Power Cord for MX and MS (US Plug)	\$23.82	\$7.17		100%	\$7.17	https://meraki.cisco.com
Cisco Meraki Firewall	MX Acc	MX Accessory	MA-SFP-1GB-TX	Meraki 1 GbE SFP Copper Module	\$435.88	\$131.20		100%	\$131.20	https://meraki.cisco.com

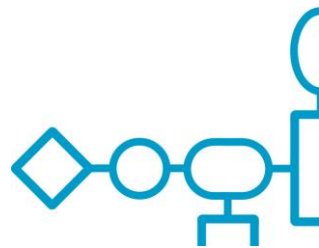
Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	E-Rate Eligibility	Customer Extended Price	Reference Page
Services	Services	Access Points	P-INSTALL-AP	Presidio Installation and Configuration	\$276.00		\$184.00	100%	\$184.00	presidio.com
Services	Services	Switch	P-INSTALL-SW	Presidio Installation and Configuration	\$577.50		\$385.00	100%	\$385.00	presidio.com
Services	Services	Firewall	P-INSTALL-FW	Presidio Installation and Configuration	\$0.00		\$0.00	100%	\$0.00	presidio.com
Services	Services	UPS	P-INSTALL-UPS1	Presidio Installation and Configuration - Install and Configuration	\$570.00		\$380.00	100%	\$380.00	presidio.com
Services	Services	UPS	P-INSTALL-UPS2	Presidio Installation and Configuration - Install Only	\$270.00		\$180.00	100%	\$180.00	presidio.com
Services	Services	Rack	P-INSTALL-RACK	Presidio Installation	\$281.25		\$187.50	100%	\$187.50	presidio.com
Cabling	Cabling	Cabling (Fiber)		12/Armored Plenum - 50' - Per Run				100%	\$3,250.00	
Cabling	Cabling	Cabling (Fiber)		12/Armored Plenum - 100' - Per Run				100%	\$3,868.75	
Cabling	Cabling	Cabling (Fiber)		12/Armored Plenum - 200' - Per Run				100%	\$5,750.00	
Cabling	Cabling	Cabling (Fiber)		12/Armored Plenum - 300' - Per Run				100%	\$7,275.00	
Cabling	Cabling	Cabling (Fiber)		12/Armored non Plenum - 50' - Per Run				100%	\$2,875.00	
Cabling	Cabling	Cabling (Fiber)		12/Armored non Plenum - 100' - Per Run				100%	\$3,687.50	
Cabling	Cabling	Cabling (Fiber)		12/Armored non Plenum - 200' - Per Run				100%	\$5,143.75	
Cabling	Cabling	Cabling (Fiber)		12/Armored non Plenum - 300' - Per Run				100%	\$6,668.75	
Cabling	Cabling	Cat 6E Copper Runs		Non Plenum Cat 6E - 50' - Per Run				100%	\$193.75	
Cabling	Cabling	Cat 6E Copper Runs		Non Plenum Cat 6E - 100' - Per Run				100%	\$193.75	
Cabling	Cabling	Cat 6E Copper Runs		Non Plenum Cat 6E - 200' - Per Run				100%	\$193.75	
Cabling	Cabling	Cat 6E Copper Runs		Non Plenum Cat 6E - 300' - Per Run				100%	\$193.75	
Cabling	Cabling	Cat 6E Copper Runs		Plenum Cat 6E - 50' - Per Run				100%	\$225.00	
Cabling	Cabling	Cat 6E Copper Runs		Plenum Cat 6E - 100' - Per Run				100%	\$225.00	
Cabling	Cabling	Cat 6E Copper Runs		Plenum Cat 6E - 200' - Per Run				100%	\$225.00	
Cabling	Cabling	Cat 6E Copper Runs		Plenum Cat 6E - 300' - Per Run				100%	\$225.00	
Conduit	Conduit	Conduit		1" EMT Conduit - 50' - Per Run				100%	\$518.75	
Conduit	Conduit	Conduit		1" EMT Conduit - 100' - Per Run				100%	\$987.50	
Conduit	Conduit	Conduit		1" EMT Conduit - 200' - Per Run				100%	\$1,825.00	
Conduit	Conduit	Conduit		1" EMT Conduit - 300' - Per Run				100%	\$2,625.00	
Cabling	Cabling	Existing Cable		Test and certify existing cable				100%	\$31.25	
Cabling	Cabling	Existing Cable		Re-route existing cable				100%	\$116.25	
Cabling	Cabling	Existing Cable		Re-route and Terminate 12 strand Fiber				100%	\$977.50	
Other	Other	Asset Tagging		Asset Tagging with Asset Tags				100%	\$25.00	
Cabling	Cabling	Patch Cable		1 Meter Fiber Patch cord				100%	\$32.50	
Cabling	Cabling	Patch Cable		2 Meter Fiber Patch cord				100%	\$34.94	
Cabling	Cabling	Patch Cable		3 Meter Fiber Patch cord				100%	\$37.38	
Cabling	Cabling	Patch Cable		Cat 6 Patch Cables 1 foot				100%	\$4.01	
Cabling	Cabling	Patch Cable		Cat 6 Patch Cables 3 foot				100%	\$4.19	
Cabling	Cabling	Patch Cable		Cat 6 Patch Cables 10 foot				100%	\$6.66	
Cabling	Cabling	Patch Cable		Cat 6 Patch Cables 14 foot				100%	\$9.36	
Cabling	Cabling	Patch Panel		24 port Cat 6 Patch Panel				100%	\$206.25	
Cabling	Cabling	Patch Panel		48 port Cat 6 Patch Panel				100%	\$285.00	
Enclosure	Enclosure	Access Points		Wireless Access Point Enclosure - NEMA 4, Surface-Mount 13 x 9	\$189.00			100%	\$129.16	
Enclosure	Enclosure	Access Points		Wireless Access Point Enclosure - NEMA 4, Surface-Mount 15 X 11	\$219.00			100%	\$147.63	
Enclosure	Enclosure	Access Points		Wireless Access Point Enclosure - NEMA 4, Surface-Mount 18 X 12	\$240.00			100%	\$163.61	
Enclosure	Enclosure	Access Points		Wireless Access Point Enclosure - 11 x 11	\$132.00			100%	\$89.80	
Wire Guard	Cage	Access Points		Large Wall Mount Wire Guard				100%	\$100.00	

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	Install & Config	Shipping Fee	E-Rate Eligibility	Customer Extended Price	Reference Page
UPS	Rack Mount	SMT1000	SMT1000RM2UC	APC Smart-UPS 1000VA LCD RM 2U 120V with SmartConnect	\$609.00	\$508.86	\$180.00	\$380.00		100%	\$688.86	apc.com
UPS	Battery	SMT1000	APCRBC132	APC Replacement Battery Cartridge #132	\$260.00	\$233.57	\$180.00	\$380.00		100%	\$413.57	apc.com
UPS	Rack Mount	SMT1500	SMT1500RM2UNC	APC Smart-UPS 1500VA LCD RM 2U 120V with Network Card	\$1,325.00	\$1,096.78	\$180.00	\$380.00		100%	\$1,276.78	apc.com
UPS	Battery	SMT1500	APCRBC133	APC Replacement Battery Cartridge #133	\$230.00	\$205.09	\$180.00	\$380.00		100%	\$385.09	apc.com
UPS	Rack Mount	SMT2200	SMT2200RM2UNC	APC Smart-UPS 2200VA LCD RM 2U 120V with Network Card	\$1,800.00	\$1,503.20	\$180.00	\$380.00		100%	\$1,683.20	apc.com
UPS	Battery	SMT2200	RBC43	APC Replacement Battery Cartridge #43	\$400.00	\$355.81	\$180.00	\$380.00		100%	\$535.81	apc.com
UPS	Rack Mount	SMT3000	SMT3000RM2UNC	APC Smart-UPS 3000VA LCD RM 2U 120V with Network Card	\$2,000.00	\$1,683.98	\$180.00	\$380.00		100%	\$1,863.98	apc.com
UPS	Battery	SMT3000	RBC43	APC Replacement Battery Cartridge #43	\$400.00	\$355.81	\$180.00	\$380.00		100%	\$535.81	apc.com
UPS	Rack Mount	SMT750	SMT750RM2UNC	APC Smart-UPS 750VA LCD RM 120V with Network Card	\$979.00	\$821.81	\$180.00	\$380.00		100%	\$1,001.81	apc.com
UPS	Battery	SMT750	APCRBC123	APC Replacement Battery Cartridge # 123	\$60.00	\$51.46	\$180.00	\$380.00		100%	\$231.46	apc.com
UPS	Rack Mount	SMTL1000	SMTL1000RM2UC	APC Smart-UPS Lithium Ion, Short Depth 1000VA, 120V with SmartConnect	\$1,425.00	\$1,186.97	\$180.00	\$380.00		100%	\$1,366.97	apc.com
UPS	Rack Mount	SMTL1500	SMTL1500RM3UC	APC Smart-UPS Lithium Ion, Short Depth 1500VA, 120V with SmartConnect	\$1,825.00	\$1,529.77	\$180.00	\$380.00		100%	\$1,709.77	apc.com
UPS	Rack Mount	SMTL750	SMTL750RM2UC	APC Smart-UPS Lithium Ion, Short Depth 750VA, 120V with SmartConnect	\$1,050.00	\$877.04	\$180.00	\$380.00		100%	\$1,057.04	apc.com
UPS	Rack/Tower	SMX1500	SMX1500RM2UNC	APC Smart-UPS X 1500VA Rack/Tower LCD 120V with Network Card	\$1,375.00	\$1,150.93	\$180.00	\$380.00		100%	\$1,330.93	apc.com
UPS	Battery	SMX1500	APCRBC115	APC Replacement Battery Cartridge #115	\$260.00	\$235.29	\$180.00	\$380.00		100%	\$415.29	apc.com
UPS	Rack/Tower	SMX2000	SMX2000RMLV2UNC	APC Smart-UPS X 2000VA Rack/Tower LCD 100-127V with Network Card	\$2,025.00	\$1,681.73	\$180.00	\$380.00		100%	\$1,861.73	apc.com
UPS	Battery	SMX2000	APCRBC117	APC Replacement Battery Cartridge #117	\$380.00	\$344.27	\$180.00	\$380.00		100%	\$524.27	apc.com
UPS	Rack/Tower	SMX3000	SMX3000RMLV2UNC	APC Smart-UPS X 3000VA Rack/Tower LCD 100-127V with Network Card	\$2,300.00	\$1,917.36	\$180.00	\$380.00		100%	\$2,097.36	apc.com
UPS	Battery	SMX3000	APCRBC117	APC Replacement Battery Cartridge #117	\$380.00	\$344.27	\$180.00	\$380.00		100%	\$524.27	apc.com
UPS	Rack Mount	SRT1000	SRT1000RMXLA-NC	APC Smart-UPS SRT 1000VA RM 120V Network Card	\$1,475.00	\$1,235.33	\$180.00	\$380.00		100%	\$1,415.33	apc.com
UPS	Battery	SRT1000	APCRBC155	APC Replacement Battery Cartridge #155	\$300.00	\$275.28	\$180.00	\$380.00		100%	\$455.28	apc.com
UPS	Rack Mount	SRT1500	SRT1500RMXLA-NC	APC Smart-UPS SRT 1500VA RM 120V Network Card	\$1,925.00	\$1,596.74	\$180.00	\$380.00		100%	\$1,776.74	apc.com
UPS	Battery	SRT1500	APCRBC155	APC Replacement Battery Cartridge #155	\$300.00	\$275.28	\$180.00	\$380.00		100%	\$455.28	apc.com
UPS	Rack Mount	SRT2200	SRT2200RMXLA-NC	APC Smart-UPS SRT 2200VA RM 120V Network Card	\$2,200.00	\$1,828.99	\$180.00	\$380.00		100%	\$2,008.99	apc.com
UPS	Battery	SRT2200	APCRBC141	APC Replacement Battery Cartridge #141	\$260.00	\$238.21	\$180.00	\$380.00		100%	\$418.21	apc.com
UPS	Rack Mount	SRT3000	SRT3000RMXLA-NC	APC Smart-UPS SRT 3000VA RM 120V Network Card	\$3,525.00	\$2,951.49	\$180.00	\$380.00		100%	\$3,131.49	apc.com
UPS	Battery	SRT3000	APCRBC152	APC Replacement Battery Cartridge #152	\$560.00	\$505.09	\$180.00	\$380.00		100%	\$685.09	apc.com
UPS	Rack Mount	SRT3000	SRT3000RMXLT-NC	APC Smart-UPS SRT 3000VA RM 208V Network Card	\$3,525.00	\$2,982.58	\$180.00	\$380.00		100%	\$3,162.58	apc.com
UPS	Battery	SRT3000	APCRBC152	APC Replacement Battery Cartridge #152	\$560.00	\$505.09	\$180.00	\$380.00		100%	\$685.09	apc.com
UPS	Rack Mount	SRT5KRMXLT	SRT5KRMXLT	APC Smart-UPS SRT 5000VA RM 208V	\$5,025.00	\$4,214.16	\$180.00	\$380.00		100%	\$4,394.16	apc.com
UPS	Battery	SRT5KRMXLT	APCRBC140	APC Replacement Battery Cartridge #140	\$550.00	\$496.12	\$180.00	\$380.00		100%	\$676.12	apc.com
UPS	Rack Mount	SRT5KRMXLT	SRT5KRMXLT-5KTF	APC Smart-UPS SRT 5000VA RM 208V to 120V 2U Step-Down Transformer	\$5,600.00	\$4,728.35	\$180.00	\$380.00		100%	\$4,908.35	apc.com
UPS	Battery	SRT5KRMXLT	APCRBC140	APC Replacement Battery Cartridge #140	\$550.00	\$496.12	\$180.00	\$380.00		100%	\$676.12	apc.com
UPS	Rack Mount	SRT6KRMXLT	SRT6KRMXLT	APC Smart-UPS SRT 6000VA RM 208V	\$5,750.00	\$4,848.58	\$180.00	\$380.00		100%	\$5,028.58	apc.com
UPS	Battery	SRT6KRMXLT	APCRBC140	APC Replacement Battery Cartridge #140	\$550.00	\$496.12	\$180.00	\$380.00		100%	\$676.12	apc.com
UPS	Rack Mount	SRT6KRMXLT	SRT6KRMXLT-5KTF	APC Smart-UPS SRT 6000VA RM with 208V to 120V 2U Step-Down Transformer	\$6,200.00	\$5,246.11	\$180.00	\$380.00	\$504.63	100%	\$5,930.74	apc.com
UPS	Battery	SRT6KRMXLT	APCRBC140	APC Replacement Battery Cartridge #140	\$550.00	\$496.12	\$180.00	\$380.00		100%	\$676.12	apc.com
UPS	Rack Mount	SRT8KRMXLT	SRT8KRMXLT	APC Smart-UPS SRT 8000VA RM 208V	\$6,775.00	\$5,735.75	\$180.00	\$380.00	\$584.81	100%	\$6,500.56	apc.com
UPS	Battery	SRT8KRMXLT	APCRBC140	APC Replacement Battery Cartridge #140	\$550.00	\$496.12	\$180.00	\$380.00		100%	\$676.12	apc.com
UPS	Rack Mount	SRT8KRMXLT	SRT8KRMXLT-5KTF	APC Smart-UPS SRT 8kVA RM with 208V to 120V 2U Step-Down Transformer	\$7,400.00	\$6,253.33	\$180.00	\$380.00	\$768.59	100%	\$7,201.92	apc.com
UPS	Battery	SRT8KRMXLT	APCRBC140	APC Replacement Battery Cartridge #140	\$550.00	\$496.12	\$180.00	\$380.00		100%	\$676.12	apc.com
Rack	Wall Mount	6U	AR106	NetShelter WX 6U Wall Mount Cabinet	\$180.00	\$150.59	\$180.00	\$380.00		100%	\$330.59	apc.com
Rack	Wall Mount	6U	AR106SH6	APC NetShelter WX 6U Single Hinged Wall-mount Enclosure 600mm Deep	\$280.00	\$233.57	\$180.00	\$380.00		100%	\$413.57	apc.com
Rack	Wall Mount	9U	AR109	NetShelter WX 9U Wall Mount Cabinet	\$240.00	\$197.79	\$180.00	\$380.00		100%	\$377.79	apc.com
Rack	Wall Mount	9U	AR109SH6	APC NetShelter WX 9U Single Hinged Wall-mount Enclosure 600mm Deep	\$370.00	\$306.27	\$180.00	\$380.00		100%	\$486.27	apc.com
Rack	Wall Mount	12U	AR112	NetShelter WX 12U Wall Mount Cabinet	\$320.00	\$267.45	\$180.00	\$380.00		100%	\$447.45	apc.com
Rack	Wall Mount	12U	AR112SH6	APC NetShelter WX 12U Single Hinged Wall-mount Enclosure 600mm Deep	\$400.00	\$333.82	\$180.00	\$380.00		100%	\$513.82	apc.com
Rack	Floor Mount	42U	AR3100	APC NetShelter SX 42U Server Rack Enclosure 600mm x 1070mm w/ Sides Black	\$1,400.00	\$1,186.08	\$180.00	\$380.00	\$704.61	100%	\$2,070.69	apc.com
Rack	Floor Mount	45U	AR3155	NetShelter SX 45U 750mm Wide x 1070mm Deep Enclosure with Sides Black	\$1,900.00	\$1,613.08	\$180.00	\$380.00	\$784.12	100%	\$2,577.20	apc.com
Rack	Floor Mount	42U	AR3300	NetShelter SX 42U/600mm/1200mm Enclosure with Roof and Sides Black	\$1,875.00	\$1,577.36	\$180.00	\$380.00	\$764.04	100%	\$2,521.40	apc.com
Rack	Floor Mount	45U	AR3305	NetShelter SX 45U 600mm Wide x 1200mm Deep Enclosure with Sides Black	\$2,000.00	\$1,696.03	\$180.00	\$380.00	\$539.57	100%	\$2,415.60	apc.com
Rack	Floor Mount	48U	AR3307	NetShelter SX 48U 600mm Wide x 1200mm Deep Enclosure with Sides Black	\$2,200.00	\$1,873.48	\$180.00	\$380.00	\$801.47	100%	\$2,854.95	apc.com
Rack	Floor Mount	42U	AR3350	NetShelter SX 42U 750mm Wide x 1200mm Deep Enclosure with Sides Black	\$2,375.00	\$2,004.82	\$180.00	\$380.00	\$964.85	100%	\$3,149.67	apc.com
Rack	Floor Mount	45U	AR3355	NetShelter SX 45U 750mm Wide x 1200mm Deep Enclosure with Sides Black	\$2,500.00	\$2,123.49	\$180.00	\$380.00	\$1,096.60	100%	\$3,400.09	apc.com
Rack	Floor Mount	48U	AR3357	NetShelter SX 48U 750mm Wide x 1200mm Deep Enclosure	\$2,725.00	\$2,300.95	\$180.00	\$380.00		100%	\$2,480.95	apc.com
PDU	Rack PDU	Basic	AP7530	Rack PDU, Basic, Zero U, 20A, 120V, (24)5-20	\$290.00	\$221.97	\$180.00	\$380.00		100%	\$401.97	apc.com
PDU	Rack PDU	Basic	AP7532	Rack PDU, Basic, Zero U, 30A, 120V, (24) 5-20	\$350.00	\$275.67	\$180.00	\$380.00		100%	\$455.67	apc.com
PDU	Rack PDU	Basic	AP7562	Rack PDU, Basic, Zero U, 5.7kW, 120V, (42)5-20	\$350.00	\$274.48	\$180.00	\$380.00		100%	\$454.48	apc.com
PDU	Rack PDU	Basic	AP7563	Rack PDU, Basic, ZeroU, 5.7kW, 120&208V, (21)5-20 & (6)L6-20	\$350.00	\$275.67	\$180.00	\$380.00		100%	\$455.67	apc.com

Product Header	Product Sub	Product Family	Product Number	Product Description	MSRP	Customer Unit Price	Install Price	Install & Config	Shipping Fee	E-Rate Eligibility	Customer Extended Price	Reference Page
PDU	Rack PDU	Basic	AP7592	Rack PDU,Basic,ZeroU,5.7kW,120V,(42)5-20; 10' Cord	\$350.00	\$280.43	\$180.00	\$380.00		100%	\$460.43	apc.com
PDU	Rack PDU	Metered	AP7800B	Rack PDU, Metered, 1U, 15A, 100/120V, (8) 5-15	\$449.00	\$349.56	\$180.00	\$380.00		100%	\$529.56	apc.com
PDU	Rack PDU	Metered	AP7801B	Rack PDU, Metered, 1U, 20A, 120V, (8) 5-20	\$519.00	\$403.96	\$180.00	\$380.00		100%	\$583.96	apc.com
PDU	Rack PDU	Metered	AP7802B	Rack PDU, Metered, 2U, 30A, 120V, (16) 5-20	\$800.00	\$626.19	\$180.00	\$380.00		100%	\$806.19	apc.com
PDU	Rack PDU	Switched	AP7900B	Rack PDU, Switched, 1U, 15A, 100/120V, (8)5-15	\$630.00	\$491.94	\$180.00	\$380.00		100%	\$671.94	apc.com
PDU	Rack PDU	Switched	AP7901B	Rack PDU, Switched, 1U, 20A, 120V, (8)5-20	\$709.00	\$554.42	\$180.00	\$380.00		100%	\$734.42	apc.com
PDU	Rack PDU	Switched	AP7902B	Rack PDU, Switched, 2U, 30A, 120V, (16)5-20	\$999.00	\$784.76	\$180.00	\$380.00		100%	\$964.76	apc.com
PDU	Rack PDU	Metered	AP8632	Rack PDU 2G, Metered-by-Outlet with Switching, ZeroU, 30A, 100-120V, (24) 5-20R	\$1,575.00	\$1,228.07	\$180.00	\$380.00		100%	\$1,408.07	apc.com
PDU	Rack PDU	Metered	AP8830	Rack PDU 2G, Metered, ZeroU, 20A, 100-120V, (24) 5-20R	\$579.00	\$451.42	\$180.00	\$380.00		100%	\$631.42	apc.com
PDU	Rack PDU	Metered	AP8831	Rack PDU 2G, Metered, ZeroU, 20A, 100-120V, (11) 5-15	\$539.00	\$422.47	\$180.00	\$380.00		100%	\$602.47	apc.com
PDU	Rack PDU	Metered	AP8832	Rack PDU 2G, Metered, ZeroU, 30A, 100-120V, (24) 5-20R	\$619.00	\$481.51	\$180.00	\$380.00		100%	\$661.51	apc.com
PDU	Rack PDU	Metered	AP8858	Rack PDU 2G, Metered, ZeroU,16A, 100-240V, (18) C13 & (2) C19	\$499.00	\$387.21	\$180.00	\$380.00		100%	\$567.21	apc.com
PDU	Rack PDU	Switched	AP8930	Rack PDU 2G, Switched, ZeroU, 20A, 100-120V, (24) 5-20R	\$959.00	\$753.52	\$180.00	\$380.00		100%	\$933.52	apc.com
PDU	Rack PDU	Switched	AP8931	Rack PDU 2G, Switched, ZeroU, 15A, 100-120V, (8) 5-15	\$959.00	\$753.52	\$180.00	\$380.00		100%	\$933.52	apc.com
PDU	Rack PDU	Switched	AP8932	Rack PDU 2G, Switched, ZeroU, 30A, 100-120V, (24) 5-20R	\$1,075.00	\$836.86	\$180.00	\$380.00		100%	\$1,016.86	apc.com
PDU	Rack PDU	Switched	AP8941	Rack PDU 2G, Switched, ZeroU, 30A, 200/208V, (21) C13 & (3) C19	\$1,100.00	\$852.07	\$180.00	\$380.00		100%	\$1,032.07	apc.com
PDU	Rack PDU	Basic	AP9560	Rack PDU, Basic, 1U, 30A, 120V, (10)5-20	\$270.00	\$206.45	\$180.00	\$380.00		100%	\$386.45	apc.com
PDU	Rack PDU	Basic	AP9562	Rack PDU, Basic, 1U, 15A, 120V, (10)5-15	\$110.00	\$79.95	\$180.00	\$380.00		100%	\$259.95	apc.com
PDU	Rack PDU	Basic	AP9563	Rack PDU, Basic, 1U, 20A, 120V, (10)5-20; 5-20P	\$160.00	\$122.91	\$180.00	\$380.00		100%	\$302.91	apc.com
PDU	Rack PDU	Basic	AP9564	Rack PDU, Basic, 1U, 20A, 120V, (10)5-20; L5-20P	\$160.00	\$122.91	\$180.00	\$380.00		100%	\$302.91	apc.com
Warranty	Warranty	1	WBEXTWAR1YR-SP-01	Service Pack 1 Year Warranty Extension (for new product purchases)	\$45.00	\$31.68				100%	\$31.68	apc.com
Warranty	Warranty	1	WBEXTWAR1YR-SP-02	Service Pack 1 Year Warranty Extension (for new product purchases)	\$45.00	\$31.68				100%	\$31.68	apc.com
Warranty	Warranty	1	WBEXTWAR1YR-SP-03	Service Pack 1 Year Warranty Extension (for new product purchases)	\$70.00	\$51.89				100%	\$51.89	apc.com
Warranty	Warranty	1	WBEXTWAR1YR-SP-04	Service Pack 1 Year Warranty Extension (for new product purchases)	\$140.00	\$99.42				100%	\$99.42	apc.com
Warranty	Warranty	1	WBEXTWAR1YR-SP-05	Service Pack 1 Year Warranty Extension (for new product purchases)	\$260.00	\$195.56				100%	\$195.56	apc.com
Warranty	Warranty	1	WBEXTWAR1YR-SP-06	Service Pack 1 Year Warranty Extension (for new product purchases)	\$519.00	\$390.02				100%	\$390.02	apc.com
Warranty	Warranty	1	WBEXTWAR1YR-SP-07	Service Pack 1 Year Warranty Extension (for new product purchases)	\$869.00	\$650.04				100%	\$650.04	apc.com
Warranty	Warranty	1	WBEXTWAR1YR-SP-08	Service Pack 1 Year Warranty Extension (for new product purchases)	\$1,225.00	\$910.06				100%	\$910.06	apc.com
Warranty	Warranty	3	WBEXTWAR3YR-SP-01	Service Pack 3 Year Warranty Extension (for new product purchases)	\$90.00	\$63.37				100%	\$63.37	apc.com
Warranty	Warranty	3	WBEXTWAR3YR-SP-02	Service Pack 3 Year Warranty Extension (for new product purchases)	\$110.00	\$79.21				100%	\$79.21	apc.com
Warranty	Warranty	3	WBEXTWAR3YR-SP-03	Service Pack 3 Year Warranty Extension (for new product purchases)	\$160.00	\$120.18				100%	\$120.18	apc.com
Warranty	Warranty	3	WBEXTWAR3YR-SP-04	Service Pack 3 Year Warranty Extension (for new product purchases)	\$310.00	\$230.52				100%	\$230.52	apc.com
Warranty	Warranty	3	WBEXTWAR3YR-SP-05	Service Pack 3 Year Warranty Extension (for new product purchases)	\$600.00	\$447.93				100%	\$447.93	apc.com
Warranty	Warranty	3	WBEXTWAR3YR-SP-06	Service Pack 3 Year Warranty Extension (for new product purchases)	\$1,200.00	\$894.77				100%	\$894.77	apc.com
Warranty	Warranty	3	WBEXTWAR3YR-SP-07	Service Pack 3 Year Warranty Extension (for new product purchases)	\$2,000.00	\$1,492.37				100%	\$1,492.37	apc.com
Warranty	Warranty	3	WBEXTWAR3YR-SP-08	Service Pack 3 Year Warranty Extension (for new product purchases)	\$2,775.00	\$2,088.87				100%	\$2,088.87	apc.com
Warranty	Warranty	100	WMS1YR100N	1 Year 100 Node StruxureWare Data Center Expert Software Support Contract	\$1,150.00	\$895.31				100%	\$895.31	apc.com
Warranty	Warranty	StruxureWare	WMS1YRVLM	1 Year StruxureWare Data Center Expert Virtual Machine Software Support Contract	\$229.99	\$233.33				100%	\$233.33	apc.com

TAB 4

Proposed Product Specifications



MR42

Dual-band 802.11ac Wave 2 access point with separate radios
dedicated to security, RF management, and Bluetooth



High performance 802.11ac Wave 2 wireless

The Cisco Meraki MR42 is a four radio, cloud-managed 3x3 MU-MIMO 802.11ac Wave 2 access point. Designed for next-generation deployments in offices, schools, hospitals, shops, and hotels, the MR42 offers performance, security, and simple management.

The MR42 provides a maximum 1.9 Gbps frame rate with concurrent 802.11ac Wave 2 and 802.11n 3x3:3 MIMO radios. A dedicated third radio provides real-time WIDS/WIPS with automated RF optimization. In addition, an integrated fourth radio delivers Bluetooth Low Energy (BLE) scanning and Beacons functionality.

With a combination of cloud management, high performance hardware, multiple radios, and advanced software features, the MR42 makes an outstanding platform for the most demanding of uses today and tomorrow. These uses include high-density deployments and support for applications like voice and high-definition video.

MR42 and Meraki cloud management: a powerful combination

Management of the MR42 is handled through the Meraki cloud, enabling rapid deployment across multiple sites without the need for time-consuming training or costly certifications. Since the

MR42 is self-configuring and managed over the web, it can be deployed at a remote location in a matter of minutes, even without on-site IT staff.

24/7 monitoring via the Meraki cloud delivers real-time alerts if the network encounters problems. Remote diagnostic tools enable immediate troubleshooting over the web, meaning multi-site, distributed networks can be easily managed.

The MR42's firmware is automatically kept up to date via the cloud. New features, bug fixes, and enhancements are delivered seamlessly over the web. This means no manual software updates to download or missing security patches to worry about.

Product Highlights

- » 3x3:3 MU-MIMO 802.11ac Wave 2
- » 1.9 Gbps aggregate dual-band frame rate
- » 24x7 real-time WIDS/WIPS and spectrum analytics via dedicated third radio
- » Integrated Bluetooth Low Energy Beacon and scanning radio
- » Enhanced transmit power and receive sensitivity
- » Full-time WiFi location tracking via dedicated 3rd radio
- » Integrated enterprise security and guest access
- » Application-aware traffic shaping
- » Optimized for voice and video
- » Self-configuring, plug-and-play deployment
- » Sleek, low-profile design blends into office environments

Features

Aggregate data rate of up to 1.9 Gbps

A 5 GHz 3x3:3 radio and a 2.4 GHz 3x3:3 radio offer a combined aggregate dual-band frame rate of 1.9 Gbps. Supports up to 1,300 Mbps in the 5 GHz band and 600 Mbps in the 2.4 GHz band. Technologies like transmit beamforming and enhanced receive sensitivity allow the MR42 to support a higher client density than typical enterprise-class access points, resulting in fewer APs for a given deployment.

Multi User Multiple Input Multiple Output (MU-MIMO)

With support for the 802.11ac Wave 2 standard, the MR42 offers MU-MIMO for efficient transmission to multiple clients. Especially suited for environments with numerous mobile devices, MU-MIMO enables multiple clients to receive data simultaneously. This increases the total network performance and improves the end user experience.

Third radio delivers 24x7 wireless security and RF analytics

The MR42's sophisticated, dedicated dual-band radio scans the environment continuously, characterizing RF interference and containing wireless threats like rogue access points. No longer choose between wireless security, advanced RF analysis, and serving client data: a dedicated third radio means that all three occur in real-time, without any impact to client traffic or AP throughput.

Bluetooth Low Energy Beacon and scanning radio

An integrated fourth radio for Bluetooth Low Energy (BLE) provides seamless deployment of BLE Beacon functionality and effortless visibility of BLE devices. The MR42 enables the next generation of location-aware applications while futureproofing your deployment, making it ready for any new customer engagement strategies.

Automatic cloud-based RF optimization

The MR42's sophisticated, automated RF optimization means that there is no need for the dedicated hardware and RF expertise typically required to tune a wireless network. The RF analysis data collected by the dedicated third radio is continuously fed back to the Meraki cloud. This then automatically tunes the MR42's channel selection, transmit power, and client connection settings for optimal performance under even the most challenging RF conditions.

Integrated enterprise security and guest access

The MR42 features integrated, easy-to-use security technologies to provide secure connectivity for employees and guests alike. Advanced security features such as AES hardware-based encryption and WPA2-Enterprise authentication with 802.1X and Active Directory integration provide wire-like security while still being easy to configure. One-click guest isolation provides secure, Internet-only access for visitors. Our policy firewall (Identity Policy Manager) enables granular access control at the group or device level. PCI compliance reports check network settings against PCI requirements to simplify secure retail deployments.

Enterprise Mobility Management (EMM) & Mobile Device Management (MDM) integration

Meraki Systems Manager natively integrates with the MR42 to offer simple automatic security that is context aware. Rapidly deploy self-service MDM enrolment without installing additional equipment or dynamically tie firewall policies to client posture. End-to-end security has never been so easy.

Application-aware traffic shaping

The MR42 includes an integrated layer 7 packet inspection, classification, and control engine, enabling you to set QoS policies based on traffic type. Prioritize your mission critical applications, while setting limits on recreational traffic, e.g., peer-to-peer and video streaming. Importantly, controls can be implemented per network, per SSID,

per user group, or per individual user.

Voice and video optimizations

Industry standard QoS features are easy to configure and come built in. Wireless Multi Media (WMM) access categories, 802.1p, and DSCP industry standards all ensure important applications get prioritized correctly, not only on the MR42, but on other steps in the traffic flow. Unscheduled Automatic Power Save Delivery (U-APSD) ensures minimal battery drain on wireless VoIP phones.

Low-profile, modern, user friendly design

Despite its extensive capabilities, the MR42 is packaged in a sleek, low-profile enclosure that blends seamlessly into any environment. This makes it ideal for modern offices, high end retail locations, and discrete deployments. Using human interface design principles, even the physical installation and mounting experience has been developed to eliminate error and simplify installation process.

Self-configuring, self-maintaining, always up-to-date

When plugged in, the MR42 automatically connects to the Meraki cloud, downloads its configuration, and joins the appropriate network. If new firmware is required, this is retrieved by the AP and updated automatically. This ensures the network is maintained with bug fixes, security updates, and new features managed for you.

Advanced analytics

Drill down into exceptional detail with highly granular traffic analytics. Understand how your network is used with access to numerous datasets. Extend your visibility to the physical world with journey tracking through location analytics. View visitor numbers, dwell time, repeat visit rates, and track trends. Fully customize your analysis with raw data available via simple APIs.

Specifications

Radios

2.4 GHz 802.11b/g/n client access radio

5 GHz 802.11a/n/ac client access radio

2.4 GHz & 5 GHz dual-band WIDS/WIPS, spectrum analysis, & location analytics radio

2.4 GHz Bluetooth radio with Bluetooth Low Energy (BLE) and Beacon support

Concurrent operation of all four radios

Max aggregate frame rate 1.9 Gbit/s

Supported frequency bands (country-specific restrictions apply):

2.412-2.484 GHz

5.150-5.250 GHz (UNII-1)

5.250-5.350 GHz (UNII-2)

5.470-5.600, 5.660-5.725 GHz (UNII-2e)

5.725 -5.825 GHz (UNII-3)

Antenna

Integrated omni-directional antennas (5 dBi gain at 2.4 GHz, 5.5 dBi gain at 5 GHz)

Individual antenna elements for each radio

802.11ac Wave 2 and 802.11n Capabilities

3 x 3 multiple input, multiple output (MIMO) with three spatial streams

SU-MIMO and MU-MIMO support

Maximal ratio combining (MRC) & beamforming

20 and 40 MHz channels (802.11n), 20, 40, and 80 MHz channels (802.11ac)

Up to 256-QAM on both 2.4 GHz & 5 GHz

Packet aggregation

Power

Power over Ethernet: 37 - 57 V (802.3at required with functionality-restricted 802.3af mode supported)

Alternative 12 V DC input

Power consumption: 20W max (802.3at)

Power over Ethernet injector and DC adapter sold separately

LED Indicators

Multi color & multi function status indicator

Interfaces

1x 10/100/1000Base-T Ethernet (RJ45)

1x DC power connector (5.5 mm x 2.5 mm, center positive)

Mounting

All standard mounting hardware included

Desktop, ceiling, and wall mount capable

Ceiling tile rail (9/16, 15/16 or 1 1/2" flush or recessed rails), assorted cable junction boxes

Bubble level on mounting cradle for accurate horizontal wall mounting

Physical Security

Two security screw options (included)

Kensington lock hard point

Concealed mount plate with anti-tamper cable bay

Environment

Operating temperature: 32 °F to 104 °F (0 °C to 40 °C)

Humidity: 5 to 95% non-condensing

Physical Dimensions

10.0" x 6.1" x 1.5" (253.4 mm x 155.8 mm x 37.1 mm), not including deskmount feet or mount plate

Weight: 25 oz (0.7kg)

Security

Integrated Layer 7 firewall with mobile device policy management

Real-time WIDS/WIPS with alerting and automatic rogue AP containment with Air Marshal

Flexible guest access with device isolation

VLAN tagging (802.1q) and tunneling with IPsec VPN

PCI compliance reporting

WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X

EAP-TLS, EAP-TTLS, EAP-MSCHAPv2, EAP-SIM

TKIP and AES encryption

Enterprise Mobility Management (EMM) & Mobile Device Management (MDM) integration

Quality of Service

Advanced Power Save (U-APSD)

WMM Access Categories with DSCP and 802.1p support

Layer 7 application traffic identification and shaping

Mobility

PMK and OKC credential support for fast

Layer 2 roaming

Distributed or centralized layer 3 roaming

Analytics

Embedded location analytics reporting and device tracking

Global L7 traffic analytics reporting per network, per device, per application

Warranty

Lifetime hardware warranty with advanced replacement included

Ordering Information

MR42-HW: Meraki MR42 Cloud Managed 802.11ac AP

MA-PWR-30W-XX: Meraki AC Adapter for MR Series (XX = US, EU, UK or AU)

MA-INJ-4-XX: Cisco Meraki 802.3at Power over Ethernet Injector (XX = US, EU, UK or AU)

Note: Meraki access point license required.

Compliance & Standards

IEEE Standards

802.11b

802.11g

802.11a

802.11n

802.11ac

802.11h

802.11i

802.11e

802.11k

802.11r

802.11u

Safety Approvals

UL 60950-1

CAN/CSA-C22.2 No. 60950-1

IEC 60950-1

EN 60950-1

UL 2043 (Plenum Rating)

Radio Approvals

FCC Part 15C, 15E

RSS-247 (Canada)

EN 300 328, EN 301 893 (Europe)

AS/NZS 4268 (Australia/NZ)

NOM-121 (Mexico)

NCC LP0002 (Taiwan)

For additional country-specific regulatory information, please contact Meraki sales

EMI Approvals (Class B)

FCC Part 15B

ICES-003 (Canada)

EN 301 489-1-17, EN 55032, EN 55024 (Europe)

CISPR 22 (Australia/NZ)

VCCI (Japan)

Exposure Approvals

FCC Part 2

RSS-102 (Canada)

EN 50385, EN 62311, EN 62479 (Europe)

AS/NZS 2772 (Australia/NZ)



RF Performance Table

2.4 GHz

Operating Band	Operation Mode	Data Rate	TX Power	RX Sensitivity
2.4 GHz	802.11b	1 Mb/s	21 dBm	-98 dBm
		2 Mb/s	21 dBm	-93.5 dBm
		5.5 Mb/s	21 dBm	-92 dBm
		11 Mb/s	21 dBm	-86 dBm
2.4 GHz	802.11g	6 Mb/s	21 dBm	-93 dBm
		9 Mb/s	21 dBm	-92.5 dBm
		12 Mb/s	20.5 dBm	-91 dBm
		18 Mb/s	20.5 dBm	-89 dBm
		24 Mb/s	19 dBm	-85 dBm
		36 Mb/s	19.5 dBm	-82.5 dBm
		48 Mb/s	18.5 dBm	-78 dBm
		54 Mb/s	18.5 dBm	-76 dBm
2.4 GHz	802.11n (HT20)	MCS0/8/16	21/24/25.7 dBm	-93/-96/-97.7 dBm
		MCS1/9/17	20.5/23.5/25.2 dBm	-89/-92/-93.7 dBm
		MCS2/10/18	20.5/23.5/25.2 dBm	-87/-90/-91.7 dBm
		MCS3/11/19	19/22/23.7 dBm	-83/-86/-87.7 dBm
		MCS4/12/20	19.5/22.5/24.2 dBm	-80/-83/-84.7 dBm
		MCS5/13/21	18.5/21.5/23.2 dBm	-76/-79/-80.7 dBm
		MCS6/14/22	18.5/21.5/23.2 dBm	-74/-77/-78.7 dBm
		MCS7/15/23	18/21/22.7 dBm	-73/-76/-77.7 dBm
2.4 GHz	802.11n (VHT20)	MCS0/0/0	21/24/25.7 dBm	-93/-96/-97.7 dBm
		MCS1/1/1	20.5/23.5/25.2 dBm	-89/-92/-93.7 dBm
		MCS2/2/2	20.5/23.5/25.2 dBm	-87/-90/-91.7 dBm
		MCS3/3/3	19/22/23.7 dBm	-83/-86/-87.7 dBm
		MCS4/4/4	19.5/22.5/24.2 dBm	-80/-83/-84.7 dBm
		MCS5/5/5	18.5/21.5/23.2 dBm	-76/-79/-80.7 dBm
		MCS6/6/6	18.5/21.5/23.2 dBm	-74/-77/-78.7 dBm
		MCS7/7/7	18/21/22.7 dBm	-73/-76/-77.7 dBm
		MCS8/8/8	17/xx/xx dBm	-73/xx/xx dBm
		MCS9/9/9	17/xx/xx dBm	-68/xx/x dBm

RF Performance Table

5 GHz

Operating Band	Operation Mode	Data Rate	TX Power	RX Sensitivity
5 GHz	802.11a	6 Mb/s	22 dBm	-92 dBm
		9 Mb/s	22 dBm	-91 dBm
		12 Mb/s	22 dBm	-90 dBm
		18 Mb/s	22 dBm	-88 dBm
		24 Mb/s	20 dBm	-84 dBm
		36 Mb/s	19 dBm	-81 dBm
		48 Mb/s	19 dBm	-76 dBm
		54 Mb/s	19 dBm	-74 dBm
5 GHz	802.11n (HT20)	MCS0/8/16	22/25/26.7 dBm	-92/-95/-96.7 dBm
		MCS1/9/17	22/25/26.7 dBm	-88/-91/-92.7 dBm
		MCS2/10/18	22/25/26.7 dBm	-86/-89/-90.7 dBm
		MCS3/11/19	22/23/24.7 dBm	-82/-85/-86.7 dBm
		MCS4/12/20	19/22/23.7 dBm	-79/-82/-83.7 dBm
		MCS5/13/21	19/22/23.7 dBm	-74/-77/-78.7 dBm
		MCS6/14/22	19/22/23.7 dBm	-73/-76/-77.7 dBm
		MCS7/15/23	19/22/23.7 dBm	-71/-74/-75.7 dBm
5 GHz	802.11n (HT40)	MCS0/8/16	2/25/26.7 dBm	-88/-91/-92.7 dBm
		MCS1/9/17	21.5/24.5/26.2 dBm	-85/-88/-89.7 dBm
		MCS2/10/18	20/23/24.7 dBm	-83/-86/-87.7 dBm
		MCS3/11/19	20/23/24.7 dBm	-79/-82/-83.7 dBm
		MCS4/12/20	19.5/22.5/24.2 dBm	-76/-79/-80.7 dBm
		MCS5/13/21	19.5/22.5/24.2 dBm	-72/-75/-76.7 dBm
		MCS6/14/22	18.5/21.5/23.2 dBm	-70/-73/-74.7 dBm
		MCS7/15/23	18/21/22.7 dBm	-69/-72/-73.7 dBm

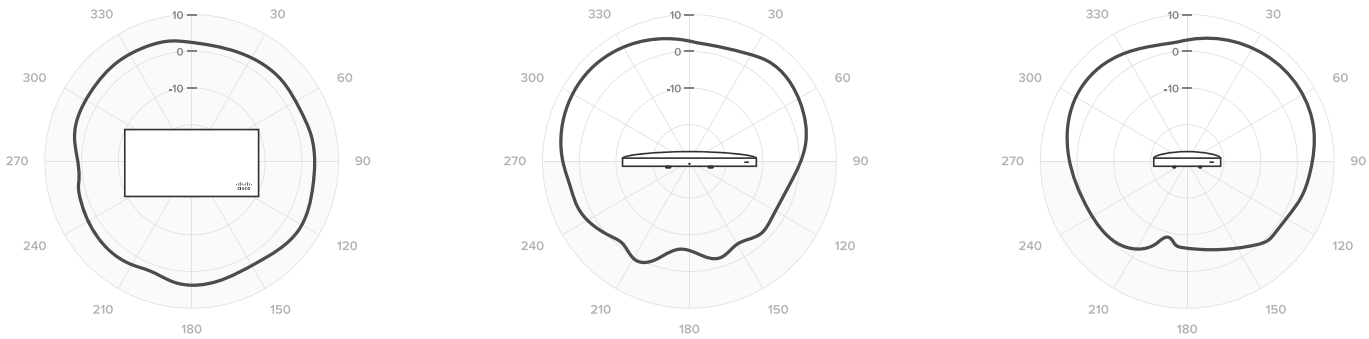
RF Performance Table

5 GHz

Operating Band	Operation Mode	Data Rate	TX Power	RX Sensitivity
5 GHz	802.11ac (HT20)	MCS0/0/0	22/25/26.7 dBm	-92/-95/-96.7 dBm
		MCS1/1/1	22/25/26.7 dBm	-88/-91/-92.7 dBm
		MCS2/2/2	22/25/26.7 dBm	-86/-89/-90.7 dBm
		MCS3/3/3	22/23/24.7 dBm	-82/-85/-86.7 dBm
		MCS4/4/4	19/22/23.7 dBm	-79/-82/-83.7 dBm
		MCS5/5/5	19/22/23.7 dBm	-74/-77/-78.7 dBm
		MCS6/6/6	19/22/23.7 dBm	-73/-76/-77.7 dBm
		MCS7/7/7	19/22/23.7 dBm	-71/-74/-75.7 dBm
		MCS8/8/8	18.5/21.5/23.2 dBm	-67/-70/-71.7 dBm
		MCS9/9/9	18.5/21.5/23.2 dBm	-63/-66/-67.7 dBm
5 GHz	802.11ac (HT40)	MCS0/0/0	22/25/26.7 dBm	-88/-91/-92.7 dBm
		MCS1/1/1	21.5/24.5/26.2 dBm	-85/-88/-89.7 dBm
		MCS2/2/2	20/23/24.7 dBm	-83/-86/-87.7 dBm
		MCS3/3/3	20/23/24.7 dBm	-79/-82/-83.7 dBm
		MCS4/4/4	19.5/22.5/24.2 dBm	-76/-79/-80.7 dBm
		MCS5/5/5	19.5/22.5/24.2 dBm	-72/-75/-76.7 dBm
		MCS6/6/6	18.5/21.5/23.2 dBm	-70/-73/-74.7 dBm
		MCS7/7/7	18/21/22.7 dBm	-69/-72/-73.7 dBm
		MCS8/8/8	18/21/22.7 dBm	-67/-70/-71.7 dBm
		MCS9/9/9	18/21/22.7 dBm	-63/-66/-67.7 dBm
5 GHz	802.11ac (VHT80)	MCS0/0/0	22/25/26.7 dBm	-86/-89/-90.7 dBm
		MCS1/1/1	21.5/24.5/26.2 dBm	-82/-85/-86.7 dBm
		MCS2/2/2	21.5/24.5/26.2 dBm	-80/-83/-84.7 dBm
		MCS3/3/3	20.5/23.5/24.2 dBm	-76/-79/-80.7 dBm
		MCS4/4/4	20.5/23.5/24.2 dBm	-73/-76/-77.7 dBm
		MCS5/5/5	19.5/22.5/24.2 dBm	-69/-72/-73.7 dBm
		MCS6/6/6	19/22/23.7 dBm	-67/-70/-71.7 dBm
		MCS7/7/7	19/22/23.7 dBm	-66/-69/-70.7 dBm
		MCS8/8/8	18/21/22.7 dBm	-61/-64/-65.7 dBm
		MCS9/9/9	18/21/22.7 dBm	-59/-62/-63.7 dBm

Signal Coverage Patterns

Radiation Pattern for 2.4GHz Antennas



Radiation Pattern for 5GHz Antennas





MR44 Datasheet

High Performance 802.11ax Wireless

The Cisco Meraki MR44 is a cloud-managed 2x2:2 + 4x4:4 802.11ax access point that raises the bar for wireless performance and efficiency. Designed for next-generation deployments in offices, schools, hospitals, shops, and hotels, the MR44 offers high throughput, enterprise-grade security, and simple management.

The MR44 provides a maximum of 3 Gbps* aggregate frame rate with concurrent 2.4 GHz and 5 GHz radios. A dedicated third radio provides real-time WIDS/WIPS with automated RF optimization, and a fourth integrated radio delivers Bluetooth scanning and beaconing.

With the combination of cloud management, high performance hardware, multiple radios, and advanced software features, the MR44 makes an outstanding platform for the most demanding of uses—including high-density deployments and bandwidth or performance-intensive applications like voice and high-definition video.



MR44 and Meraki Cloud Management

Management of the MR44 is performed through the Meraki cloud, with an intuitive browser-based interface that enables rapid deployment without time-consuming training or costly certifications. Because the MR44 is self-configuring and managed over the web, it can be deployed at a remote location in a matter of minutes, even without on-site IT staff.

24x7 monitoring via the Meraki cloud delivers real-time alerts if a network encounters problems. Remote diagnostic tools enable immediate troubleshooting over the web so that distributed networks can be managed with a minimum of hassle.

The MR44's firmware is automatically kept up to date via the cloud. New features, bug fixes, and enhancements are delivered seamlessly over the web. This means no manual software updates to download or missing security patches to worry about.

Product Highlights

- 2x2:2 (2.4GHz) + 4x4:4 (5GHz) MU-MIMO 802.11ax
- 3 Gbps* dual-radio aggregate frame rate
- 24x7 real-time WIDS/WIPS and spectrum analytics via dedicated third radio
- Integrated Bluetooth Low Energy Beacon
- Integrated scanning radio
- Enhanced transmit power and receive sensitivity
- Integrated enterprise security and guest access
- Application-aware traffic shaping
- Optimized for voice and video
- Self-configuring, plug-and-play deployment
- Sleek design blends into office environments
- Full-time Wi-Fi location tracking via dedicated 3rd radio

Features

Dual-radio aggregate frame rate of up to 3 Gbps*

2.4 GHz 2x2:2 radio and 5 GHz 4x4:4 radio offer a combined dual-radio aggregate frame rate of 3 Gbps*, with up to 2,402 Mbps in the 5 GHz band and 573 Mbps in the 2.4 GHz band. Technologies like transmit beamforming and enhanced receive sensitivity allow the MR44 to support a higher client density than typical enterprise-class access points, resulting in better performance for more clients, from each AP.



* Refers to maximum over-the-air data frame rate capability of the radio chipset, and may exceed data rates allowed by IEEE 802.11ax operation.

Multi User Multiple Input Multiple Output (MU-MIMO)

With support for features of 802.11ax, the MR44 offers MU-MIMO and OFDMA for more efficient transmission to multiple clients. Especially suited to environments with numerous mobile devices, MU-MIMO enables multiple clients to receive data simultaneously. This increases the total network performance and improves the end user experience.

Dedicated third radio delivers 24x7 wireless security and RF analytics

The MR44's dedicated dual-band scanning and security radio continually assesses the environment, characterizing RF interference and containing wireless threats like rogue access points. There's no need to choose between wireless security, advanced RF analysis, and serving client data - a dedicated third radio means that all functions occur in real-time, without any impact to client traffic or AP throughput.

Bluetooth Low Energy Beacon and scanning radio

An integrated fourth Bluetooth radio provides seamless deployment of BLE Beacon functionality and effortless visibility of Bluetooth devices. The MR44 enables the next generation of location-aware applications while future proofing deployments, ensuring it's ready for any new customer engagement strategies.

Automatic cloud-based RF optimization

The MR44's sophisticated and automated RF optimization means that there is no need for the dedicated hardware and RF expertise typically required to tune a wireless network. The RF data collected by the dedicated third radio is continuously fed back to the Meraki cloud. This data is then used to automatically tune the channel selection, transmit power, and client connection settings for optimal performance under even the most challenging RF conditions.

Integrated enterprise security and guest access

The MR44 features integrated, easy-to-use security technologies to provide secure connectivity for employees and guests alike. Advanced security features such as AES hardware-based encryption and Enterprise authentication with 802.1X and Active Directory integration provide wired-like security while still being easy to configure. One-click guest isolation provides secure, Internet-only access for visitors. PCI compliance reports check network settings against PCI requirements to simplify secure retail deployments.

Enterprise Mobility Management (EMM) & Mobile Device Management (MDM) integration

Meraki Systems Manager natively integrates with the MR44 to offer automatic, context-aware security. Systems Manager's self-service enrollment helps to rapidly deploy MDM without installing additional equipment, and then dynamically tie firewall and traffic shaping policies to client posture.

Application-aware traffic shaping

The MR44 includes an integrated layer 7 packet inspection, classification, and control engine, enabling the configuration of QoS policies based on traffic type, helping to prioritize mission-critical applications while setting limits on recreational traffic like peer-to-peer and video streaming. Policies can be implemented per network, per SSID, per user group, or per individual user for maximum flexibility and control.

Voice and video optimizations

Industry standard QoS features are built-in and easy to configure. Wireless MultiMedia (WMM) access categories, 802.1p, and DSCP standards support all ensure important applications get prioritized correctly, not only on the MR44, but on other devices in the network. Unscheduled Automatic Power Save Delivery (U-APSD) and new Target Wait Time features in 802.11ax clients ensure minimal battery drain on wireless VoIP phones.

Self-configuring, self-maintaining, always up-to-date



When plugged in, the MR44 automatically connects to the Meraki cloud, downloads its configuration, and joins the appropriate network. If new firmware is required, this is retrieved by the AP and updated automatically. This ensures the network is kept up-to-date with bug fixes, security updates, and new features.

Advanced analytics

Drilling down into the details of network usage provides highly granular traffic analytics. Visibility into the physical world can be enhanced with journey tracking through location analytics. Visitor numbers, dwell time, repeat visit rates, and track trends can all be easily monitored in the dashboard and deeper analysis is enabled with raw data available via simple APIs.

Specifications

Category	Specifications
Radios	<ul style="list-style-type: none"> • 2.4 GHz 802.11b/g/n/ax client access radio • 5 GHz 802.11a/n/ac/ax client access radio • 2.4 GHz & 5 GHz dual-band WIDS/WIPS, spectrum analysis, & location analytics radio • 2.4 GHz Bluetooth Low Energy (BLE) radio with Beacon and BLE scanning support • Concurrent operation of all four radios • Supported frequency bands (country-specific restrictions apply) • Supported frequency bands (country-specific restrictions apply): <ul style="list-style-type: none"> ◦ 2.412-2.484 GHz ◦ 5.150-5.250 GHz (UNII-1) ◦ 5.250-5.350 GHz (UNII-2) ◦ 5.470-5.600, 5.660-5.725 GHz (UNII-2e) ◦ 5.725 -5.825 GHz (UNII-3)
Antenna	<ul style="list-style-type: none"> • Internal Antenna (5.1dBi max gain at 2.4 GHz, 5.9dBi max gain at 5 GHz)
802.11ax, 802.11ac Wave 2 and 802.11n Capabilities	<ul style="list-style-type: none"> • DL-OFDMA**, UL-OFDMA**, TWT support**, BSS Coloring** • 2.4GHz: 2 x 2 multiple input, multiple output (MIMO) with two spatial streams • 5GHz: 4 x 4 multiple input, multiple output (MIMO) with four spatial streams • SU-MIMO, UL MU-MIMO** and DL MU-MIMO support • Maximal ratio combining (MRC) & beamforming • 20 and 40 MHz channels (802.11n); 20, 40, and 80 MHz channels (802.11ac Wave 2); 20, 40 and 80 MHz channels (802.11ax) • Up to 1024-QAM on both 2.4 GHz & 5 GHz bands • Packet aggregation
Power	<ul style="list-style-type: none"> • Power over Ethernet: 42.5 - 57 V (802.3at) or 37 - 57 V (802.3af) - low power mode ** • Alternative: 12 V DC input • Power consumption: 30W max (802.3at) or 15W max (802.3af) - low power mode ** • Power over Ethernet injector and DC adapter sold separately

	<div>  In low power mode, MR44 will do the following: <ol style="list-style-type: none"> 1. Downshift its Ethernet uplink speed from 2.5 Gbps to 1 Gbps 2. Transition from 4x4:4 to 2x2:2 in 5GHz 3. Disable its dedicated IoT (previously known as BLE) radio 4. Reduce the max Tx power </div> <div>  Warning: Please ensure that MR44 is connected to an 802.3at-capable (PoE+) switch/power injector during the initial installation OR ensure that the network MR44 is added to is set to MR 27.6 firmware (not yet available at the time of writing) or newer firmware. This is because the default MR44 firmware image has support for the low-power mode, however, MR 27.5/27.5.1 or lower firmware <u>does not</u> have low power mode support. Using 802.3af switch/power injector with MR44 set to 27.5/27.5.1 or lower firmware might result in unexpected behaviors including but not limited to reboots or degraded performance. Due to the reasons stated above, please <u>do not</u> downgrade the network with MR44 APs to 27.5/27.5.1 or lower firmware if they are being powered on by 802.3af (PoE) switch/power injector. </div>
Interfaces	<ul style="list-style-type: none"> • 1x 100/1000/2.5G BASE-T Ethernet (RJ45) • 1x DC power connector (5.5 mm x 2.5 mm, center positive)
Mounting	<ul style="list-style-type: none"> • All standard mounting hardware included • Desktop, ceiling, and wall mount capable • Ceiling tile rail (9/16, 15/16 or 1 1/2" flush or recessed rails), assorted cable junction boxes • Bubble level on the mounting cradle for accurate horizontal wall mounting
Physical Security	<ul style="list-style-type: none"> • Two security screw options (included) (13.5 mm long and 2.5 mm diameter and 5 mm head) • Kensington lock hard point • Concealed mount plate with anti-tamper cable bay
Environment	<ul style="list-style-type: none"> • Operating temperature: 32 °F to 104 °F (0 °C to 40 °C) • Humidity: 5 to 95% non-condensing
Physical Dimensions	<ul style="list-style-type: none"> • 12.05" × 5.06" × 1.74" (30.6 cm × 12.84 cm × 4.43 cm), not including desk mount feet or mount plate • Weight: 26.07 oz (739 g)

Security	<ul style="list-style-type: none"> • Integrated Layer 7 firewall with mobile device policy management • Real-time WIDS/WIPS with alerting and automatic rogue AP containment with Air Marshal • Flexible guest access with device isolation • VLAN tagging (802.1q) and tunneling with IPsec VPN • PCI compliance reporting • WEP***, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X, WPA3 - Personal**, WPA3 - Enterprise**, WPA3 - Enhanced Open (OWE)** • EAP-TLS, EAP-TTLS, EAP-MSCHAPv2, EAP-SIM • TKIP and AES encryption • Enterprise Mobility Management (EMM) & Mobile Device Management (MDM) integration • Cisco ISE integration for Guest access and BYOD Posturing
Quality of Service	<ul style="list-style-type: none"> • Advanced Power Save (U-APSD) • WMM Access Categories with DSCP and 802.1p support • Layer 7 application traffic identification and shaping
Mobility	<ul style="list-style-type: none"> • PMK, OKC, & 802.11r for fast Layer 2 roaming • Distributed or centralized layer 3 roaming
Analytics	<ul style="list-style-type: none"> • Embedded location analytics reporting and device tracking • Global L7 traffic analytics reporting per network, per device, & per application
LED Indicators	<ul style="list-style-type: none"> • 1 power/booting/firmware upgrade status
Regulatory	<ul style="list-style-type: none"> • RoHS • For additional country-specific regulatory information, please contact Meraki sales
Warranty	<ul style="list-style-type: none"> • Lifetime hardware warranty with advanced replacement included
Ordering Information	<ul style="list-style-type: none"> • MR44-HW: Meraki MR44 Cloud Managed 802.11ax AP • MA-PWR-30W-XX: Meraki AC Adapter for MR Series (XX = US/EU/UK/AU) • MA-INJ-4-XX: Meraki Gigabit 802.3at Power over Ethernet Injector (XX = US/EU/UK/AU) • MA-INJ-5-XX: Meraki Multigigabit 802.3at Power over Ethernet Injector (XX = US/EU/UK/AU) • Note: Meraki access point license required.



** features can be enabled via future firmware updates

Compliance and Standards

Category	Standards
IEEE Standards	<ul style="list-style-type: none">802.11a, 802.11ac, 802.11ax, 802.11b, 802.11e, 802.11g, 802.11h, 802.11i, 802.11k, 802.11n, 802.11r, and 802.11u***
Safety Approvals	<ul style="list-style-type: none">CSA and CB 60950 & 62368Conforms to UL 2043 (Plenum Rating)
Radio Approvals	<ul style="list-style-type: none">Czzanada: FCC Part 15C, 15E, RSS-247Europe: EN 300 328, EN 301 893Australia/NZ: AS/NZS 4268Mexico: IFT, NOM-208Taiwan: NCC LP0002For additional country-specific regulatory information, please contact Meraki Sales
EMI Approvals (Class B)	<ul style="list-style-type: none">Canada: FCC Part 15B, ICES-003Europe: EN 301 489-1-17, EN 55032, EN 55024Australia/NZ: CISPR 22Japan: VCCI
Exposure Approvals	<ul style="list-style-type: none">Canada: FCC Part 2, RSS-102Europe: EN 50385, EN 62311, EN 62479Australia/NZ: AS/NZS 2772



*** feature can be enabled for required networks

Context and Comparisons

802.11ax, 802.11ac Wave 2 and 802.11n Capabilities

MR36	MR44	MR46	MR56
------	------	------	------

DL-OFDMA**, UL-OFDMA**, TWT support**, BSS coloring**	DL-OFDMA**, UL-OFDMA**, TWT support**, BSS coloring**	DL-OFDMA**, UL-OFDMA**, TWT support**, BSS coloring**	DL-OFDMA**, UL-OFDMA**, TWT support**, BSS coloring**
2 x 2 multiple input, multiple output (MIMO) with two spatial streams	2.4GHz: 2 x 2 multiple input, multiple output (MIMO) with two spatial streams 5GHz: 4 x 4 multiple input, multiple output (MIMO) with four spatial streams	4 x 4 multiple input, multiple output (MIMO) with four spatial streams	8 x 8 multiple input, multiple output (MIMO) with eight spatial streams on 5 GHz 4 x 4 multiple input, multiple output (MIMO) with eight spatial streams on 2.4 GHz
Maximal ratio combining (MRC) & beamforming	Maximal ratio combining (MRC) & beamforming	Maximal ratio combining (MRC) & beamforming	Maximal ratio combining (MRC) & beamforming
SU-MIMO, UL MU-MIMO** and DL MU-MIMO support	SU-MIMO, UL MU-MIMO** and DL MU-MIMO support	SU-MIMO, UL MU-MIMO** and DL MU-MIMO support	SU-MIMO, UL MU-MIMO** and DL MU-MIMO support
20 and 40 MHz channels (802.11n); 20, 40, and 80 MHz channels (802.11ac Wave 2); 20, 40 and 80 MHz channels (802.11ax)	20 and 40 MHz channels (802.11n); 20, 40, and 80 MHz channels (802.11ac Wave 2); 20, 40 and 80 MHz channels (802.11ax)	20 and 40 MHz channels (802.11n); 20, 40, and 80 MHz channels (802.11ac Wave 2); 20, 40 and 80 MHz channels (802.11ax)	20 and 40 MHz channels (802.11n); 20, 40, and 80 MHz channels (802.11ac Wave 2); 20, 40 and 80MHz channels (802.11ax)
Up to 1024-QAM on both 2.4 GHz & 5 GHz bands	Up to 1024-QAM on both 2.4 GHz & 5 GHz bands	Up to 1024-QAM on both 2.4 GHz & 5 GHz bands	Up to 1024-QAM on both 2.4 GHz & 5 GHz bands
Packet aggregation	Packet aggregation	Packet aggregation	Packet aggregation

Power

MR36	MR44	MR46	MR56
Power over Ethernet: 37 - 57 V (802.af compliant)	Power over Ethernet: 42.5 - 57 V (802.3at) or 37 - 57 V (802.3af) - low power mode **	Power over Ethernet: 42.5 - 57 V (802.3at compliant)	Power over Ethernet: 42.5 - 57 V (802.3at compliant)
Alternative: 12 V DC input	Alternative: 12 V DC input	Alternative: 12 V DC input	Alternative: 12 V DC input
Power consumption: 15W max (802.3af)	Power consumption: 30W max (802.3at) or 15W max (802.3af) - low power mode **	Power consumption: 30W max (802.3at required)	Power consumption: 30W max (802.3at required)

Power over Ethernet injector and DC adapter sold separately

Power over Ethernet injector and DC adapter sold separately

Power over Ethernet injector and DC adapter sold separately

Power over Ethernet injector and DC adapter sold separately



** features can be enabled via future firmware updates

Interfaces

MR36	MR44	MR46	MR56
1x 10/100/1000 BASE-T Ethernet (RJ45)	1x 100/1000/2.5G BASE-T Ethernet (RJ45)	1x 100/1000/2.5G BASE-T Ethernet (RJ45)	1x 100/1000/2.5G/5G BASE-T Ethernet (RJ45)
1x DC power connector (5.5 mm x 2.5 mm, center positive)	1x DC power connector (5.5 mm x 2.5 mm, center positive)	1x DC power connector (5.5 mm x 2.5 mm, center positive)	1x DC power connector (5.5 mm x 2.5 mm, center positive)

Physical Dimensions

MR36	MR44	MR46	MR56
9.84" x 4.72" x 1.42" (25 cm x 12 cm x 3.6 cm), not including desk mount feet or mount plate	12.05" x 5.06" x 1.74" (30.6 cm x 12.84 cm x 4.43 cm), not including desk mount feet or mount plate	12.05" x 5.06" x 1.74" (30.6 cm x 12.84 cm x 4.426 cm), not including desk mount feet or mount plate	12.83" x 5.54" x 1.76" (32.6 cm x 14.079 cm x 4.47 cm), not including desk mount feet or mount plate
Weight: 17.35 oz (492 g)	Weight: 26.07 oz (739 g)	Weight: 28.22 oz (800 g)	Weight: 35.27 oz (1 kg)

RF Performance Table

2.4 GHz

Operating Band	Operating Mode	Data Rate	TX Power (conducted)	RX Sensitivity
2.4 GHz	802.11b	1 Mb/s	18	-99.0
		2 Mb/s	18	-97.0
		5.5 Mb/s	18	-95.0
		11 Mb/s	18	-92.0
2.4 GHz	802.11g	6 Mb/s	18	-95.0
		9 Mb/s	18	-94.0
		12 Mb/s	18	-93.0
		18 Mb/s	18	-91.0
		24 Mb/s	16	-87.0
		36 Mb/s	16	-84.0
		48 Mb/s	16	-80.0
		54 Mb/s	16	-79.0
2.4 GHz	802.11n (HT20)	MCS0	18	-95.0
		MCS1	18	-92.0
		MCS2	18	-90.0
		MCS3	18	-87.0
		MCS4	18	-84.0
		MCS5	16	-79.0

Operating Band	Operating Mode	Data Rate	TX Power (conducted)	RX Sensitivity
2.4 GHz	802.11ac (VHT20)	MCS6	16	-78.0
		MCS7	16	-76.0
		MCS0	18	-95.0
		MCS1	18	-92.0
		MCS2	18	-90.0
		MCS3	18	-87.0
		MCS4	18	-84.0
		MCS5	16	-80.0
		MCS6	16	-78.0
		MCS7	16	-77.0
2.4 GHz	802.11ax (HE20)	MCS8	14	-72.0
		MCS0	18	-95.0
		MCS1	18	-93.0
		MCS2	18	-91.0
		MCS3	18	-88.0
		MCS4	18	-85.0
		MCS5	16	-80.0
		MCS6	16	-79.0

Operating Band	Operating Mode	Data Rate	TX Power (conducted)	RX Sensitivity
2.4 GHz	802.11ac (VHT40)	MCS7	16	-78.0
		MCS8	14	-73.0
		MCS9	14	-72.0
		MCS10	13	-68.0
		MCS11	13	-67.0
		MCS0	18	-93.0
		MCS1	18	-90.0
		MCS2	18	-88.0
		MCS3	18	-84.0
		MCS4	18	-81.0
		MCS5	16	-77.0
2.4 GHz	802.11ax (HE40)	MCS6	16	-76.0
		MCS7	16	-74.0
		MCS8	14	-69.0
		MCS9	14	-67.0
		MCS0	18	-93.0
		MCS1	18	-91.0
		MCS2	18	-89.0

Operating Band	Operating Mode	Data Rate	TX Power (conducted)	RX Sensitivity
		MCS3	18	-85.0
		MCS4	18	-82.0
		MCS5	16	-78.0
		MCS6	16	-77.0
		MCS7	16	-75.0
		MCS8	14	-71.0
		MCS9	14	-70.0
		MCS10	13	-66.0
		MCS11	13	-64.0

5 GHz

Operating Band	Operating Mode	Data Rate	TX Power (conducted)	RX Sensitivity
5 GHz	802.11a	6 Mb/s	18.0	-93.0
		9 Mb/s	18.0	-92.0
		12 Mb/s	18.0	-91.0
		18 Mb/s	18.0	-89.0
		24 Mb/s	16.0	-85.0

Operating Band	Operating Mode	Data Rate	TX Power (conducted)	RX Sensitivity
5 GHz	802.11n (HT20)	36 Mb/s	16.0	-82.0
		48 Mb/s	16.0	-78.0
		54 Mb/s	16.0	-77.0
		MCS0	18.0	-93.0
		MCS1	18.0	-91.0
		MCS2	18.0	-88.0
		MCS3	18.0	-85.0
		MCS4	18.0	-82.0
		MCS5	16.0	-78.0
		MCS6	16.0	-76.0
5 GHz	802.11n (HT40)	MCS7	16.0	-75.0
		MCS0	18.0	-91.0
		MCS1	18.0	-88.0
		MCS2	18.0	-86.0
		MCS3	18.0	-82.0
		MCS4	18.0	-79.0
		MCS5	16.0	-75.0
		MCS6	16.0	-74.0

Operating Band	Operating Mode	Data Rate	TX Power (conducted)	RX Sensitivity
5 GHz	802.11ac (VHT20)	MCS7	16.0	-73.0
		MCS0	18.0	-93.0
		MCS1	18.0	-91.0
		MCS2	18.0	-88.0
		MCS3	18.0	-85.0
		MCS4	18.0	-82.0
		MCS5	16.0	-78.0
		MCS6	16.0	-77.0
		MCS7	16.0	-75.0
		MCS8	14.0	-70.0
5 GHz	802.11ac (VHT40)	MCS0	18.0	-91.0
		MCS1	18.0	-88.0
		MCS2	18.0	-86.0
		MCS3	18.0	-83.0
		MCS4	18.0	-80.0
		MCS5	16.0	-76.0
		MCS6	16.0	-74.0
		MCS7	16.0	-73.0

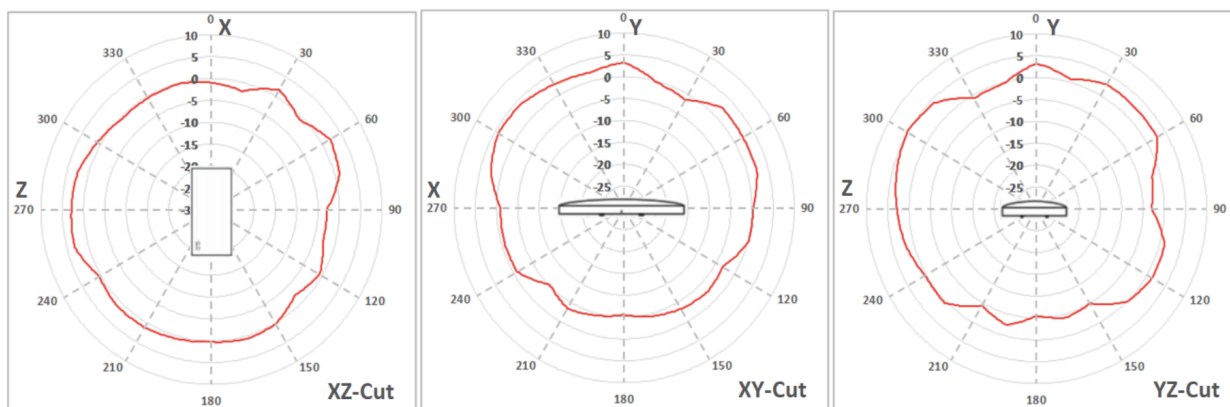
Operating Band	Operating Mode	Data Rate	TX Power (conducted)	RX Sensitivity
5 GHz	802.11ac (VHT80)	MCS8	14.0	-68.0
		MCS9	14.0	-67.0
		MCS0	18.0	-88.0
		MCS1	18.0	-85.0
		MCS2	18.0	-83.0
		MCS3	18.0	-79.0
		MCS4	18.0	-76.0
		MCS5	16.0	-72.0
		MCS6	16.0	-70.0
		MCS7	16.0	-69.0
		MCS8	14.0	-64.0
		MCS9	14.0	-63.0
		MCS0	18.0	-93.0
		MCS1	18.0	-92.0
5 GHz	802.11ax (HE20)	MCS2	18.0	-89.0
		MCS3	18.0	-86.0
		MCS4	18.0	-83.0
		MCS5	16.0	-78.0

Operating Band	Operating Mode	Data Rate	TX Power (conducted)	RX Sensitivity
5 GHz	802.11ax (HE40)	MCS6	16.0	-77.0
		MCS7	16.0	-76.0
		MCS8	14.0	-71.0
		MCS9	14.0	-70.0
		MCS10	13.0	-66.0
		MCS11	13.0	-64.0
		MCS0	18.0	-91.0
		MCS1	18.0	-89.0
		MCS2	18.0	-87.0
		MCS3	18.0	-84.0
		MCS4	18.0	-80.0
		MCS5	16.0	-76.0
		MCS6	16.0	-75.0
		MCS7	16.0	-74.0
		MCS8	14.0	-69.0
		MCS9	14.0	-68.0
		MCS10	13.0	-64.0
		MCS11	13.0	-62.0

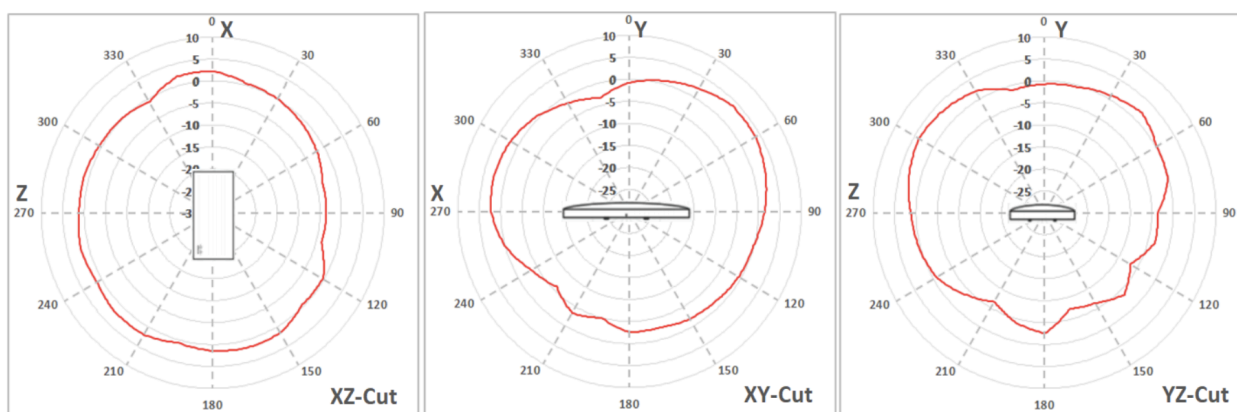
Operating Band	Operating Mode	Data Rate	TX Power (conducted)	RX Sensitivity
5 GHz	802.11ax (HE80)	MCS0	18.0	-89.0
		MCS1	18.0	-87.0
		MCS2	18.0	-84.0
		MCS3	18.0	-81.0
		MCS4	18.0	-78.0
		MCS5	16.0	-74.0
		MCS6	16.0	-73.0
		MCS7	16.0	-71.0
		MCS8	14.0	-67.0
		MCS9	14.0	-65.0
		MCS10	13.0	-61.0
		MCS11	13.0	-59.0

Signal Coverage Patterns

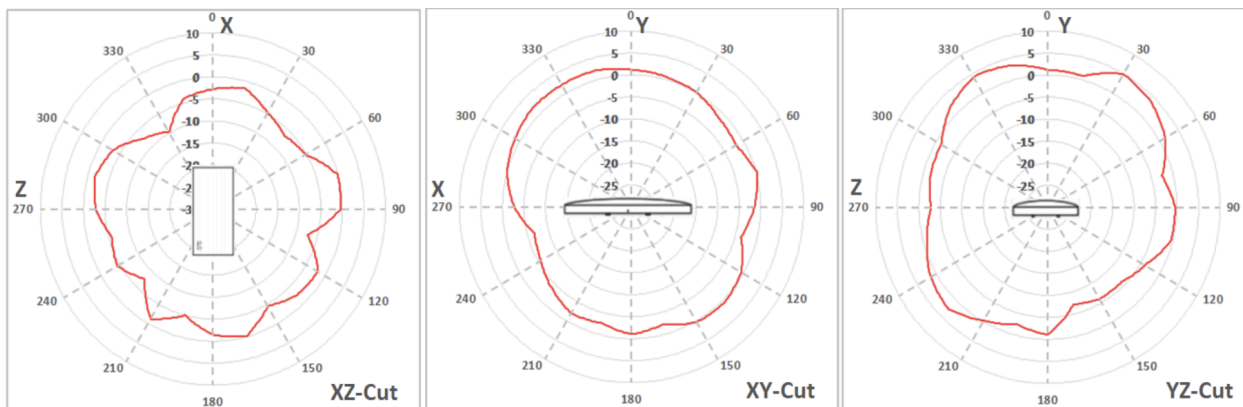
5 GHz - Wireless



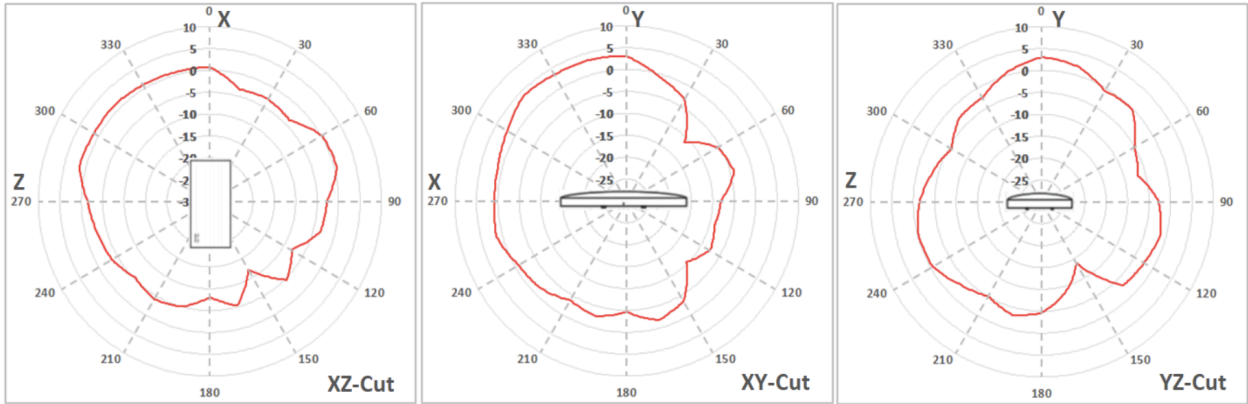
2.4 GHz - Wireless



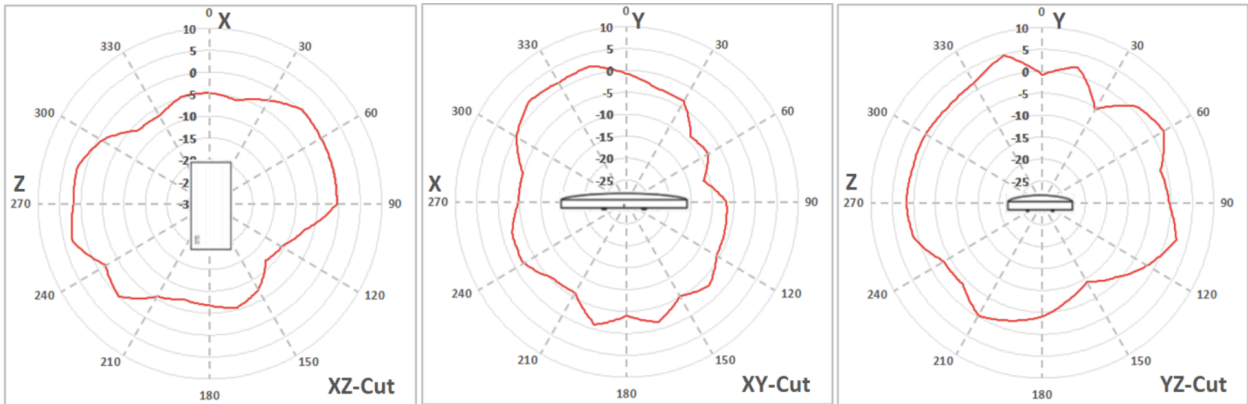
2.4 GHz - Bluetooth



2.4GHz - Scanning



5 GHz - Scanning



Installation Guide

For instructions on how to install and configure MR44 access points please refer to the [MR44 Installation Guide](#)

MR52

Dual-band 802.11ac Wave 2 access point with separate radios dedicated to security, RF management, and Bluetooth



High performance 802.11ac Wave 2 wireless

The Cisco Meraki MR52 is a cloud-managed 4x4:4 802.11ac Wave 2 access point with 160 MHz channels and MU-MIMO support. Designed for next-generation deployments in offices, schools, hospitals, shops, and hotels, the MR52 offers high performance, enterprise-grade security, and simple management.

The MR52 provides a maximum of 2.5 Gbps* aggregate frame rate with concurrent 2.4 GHz and 5 GHz radios. A dedicated third radio provides real-time WIDS/WIPS with automated RF optimization, and a fourth integrated radio delivers Bluetooth Low Energy (BLE) scanning and Beaconing.

With the combination of cloud management, high performance hardware, multiple radios, and advanced software features, the MR52 makes an outstanding platform for the most demanding of uses - including high-density deployments and bandwidth or performance-intensive applications like voice and high-definition video.

MR52 and Meraki cloud management: A powerful combo

Management of the MR52 is through the Meraki cloud, with an intuitive browser-based interface that enables rapid deployment without time-consuming training or costly certifications. Since the MR52 is self-configuring and managed over the web, it can be deployed at a remote location in a matter of minutes, even without on-site IT staff.

24x7 monitoring via the Meraki cloud delivers real-time alerts if the network encounters problems. Remote diagnostic tools enable immediate troubleshooting over the web so that distributed networks can be managed with a minimum of hassle.

The MR52's firmware is automatically kept up to date via the cloud. New features, bug fixes, and enhancements are delivered seamlessly over the web. This means no manual software updates to download or missing security patches to worry about.

Product Highlights

- 4x4 160 MHz MU-MIMO 802.11ac Wave 2
- 2.5 Gbps dual-radio aggregate frame rate
- 24x7 real-time WIDS/WIPS and spectrum analytics via dedicated third radio
- Integrated Bluetooth Low Energy Beacon and scanning radio
- Enhanced transmit power and receive sensitivity
- Full-time WiFi location tracking via dedicated 3rd radio
- Integrated enterprise security and guest access
- Application-aware traffic shaping
- Optimized for voice and video
- Self-configuring, plug-and-play deployment
- Sleek, low-profile design blends into office environments

Features

Dual-radio aggregate frame rate of up to 2.5 Gbps*

A 5 GHz 4x4:4 radio supporting 160 MHz channel widths and a 2.4 GHz 4x4:4 radio supporting 40 MHz channel widths offer a combined dual-radio aggregate frame rate of 2.5 Gbps*, with up to 1,733 Mbps in the 5 GHz band thanks to 802.11ac Wave 2 and 800 Mbps in the 2.4 GHz band. Technologies like transmit beamforming and enhanced receive sensitivity allow the MR52 to support a higher client density than typical enterprise-class access points, resulting in fewer APs for a given deployment.

Multi User Multiple Input Multiple Output (MU-MIMO)

With support for the 802.11ac Wave 2 standard, the MR52 offers MU-MIMO for more efficient transmission to multiple clients. Especially suited for environments with numerous mobile devices, MU-MIMO enables multiple clients to receive data simultaneously. This increases the total network performance and improves the end user experience.

Link Aggregation

The two Ethernet uplinks on the MR52 can be configured for link aggregation, which relieves any existing uplink bottlenecks created by 802.11ac Wave 2.

Bluetooth Low Energy Beacon and scanning radio

An integrated fourth radio for Bluetooth Low Energy (BLE) provides seamless deployment of BLE Beacon functionality and effortless visibility of BLE devices. The MR52 enables the next generation of location-aware applications while futureproofing your deployment, ensuring it's ready for any new customer engagement strategies.

Automatic cloud-based RF optimization

The MR52's sophisticated and automated RF optimization means that there is no need for the dedicated hardware and RF expertise typically required to tune a wireless network. The RF data collected by the dedicated third radio is continuously fed back to the Meraki cloud. This data is then used to automatically tune the channel selection, transmit power, and client connection settings for optimal performance under even the most challenging RF conditions.

Integrated enterprise security and guest access

The MR52 features integrated, easy-to-use security technologies to provide secure connectivity for employees and guests alike. Advanced security features such as AES hardware-based encryption and WPA2-Enterprise authentication with 802.1X and Active Directory integration provide wire-like security while still being easy to configure. One-click guest isolation provides secure, Internet-only access for visitors. PCI compliance reports check network settings against PCI requirements to simplify secure retail deployments.

Third radio delivers 24x7 wireless security and RF analytics

The MR52's dedicated dual-band scanning and security radio continually assesses the environment, characterizing RF interference and containing wireless threats like rogue access points. There's no need to choose between wireless security, advanced RF analysis, and serving client data - a dedicated third radio means that all functions occur in real-time, without any impact to client traffic or AP throughput.

Enterprise Mobility Management (EMM) & Mobile Device Management (MDM) integration

Meraki Systems Manager natively integrates with the MR52 to offer automatic, context-aware security. You can use Systems Manager's self-service enrollment to rapidly deploy MDM without installing additional equipment, and then dynamically tie firewall and traffic shaping policies to client posture.

Application-aware traffic shaping

The MR52 includes an integrated layer 7 packet inspection, classification, and control engine, enabling you to set QoS policies based on traffic type. Prioritize your mission critical applications while setting limits on recreational traffic like peer-to-peer and video streaming. Policies can be implemented per network, per SSID, per usergroup, or per individual user for maximum flexibility and control.

Voice and video optimizations

Industry standard QoS features are built in and easy to configure. Wireless Multi Media (WMM) access categories, 802.1p, and DSCP standards support all ensure important applications get prioritized correctly, not only on the MR52, but on other devices in your network. Unscheduled Automatic Power Save Delivery (U-APSD) ensures minimal battery drain on wireless VoIP phones.

Self-configuring, self-maintaining, always up-to-date

When plugged in, the MR52 automatically connects to the Meraki cloud, downloads its configuration, and joins the appropriate network. If new firmware is required, this is retrieved by the AP and updated automatically. This ensures the network is kept up-to-date with bug fixes, security updates, and new features.

Advanced analytics

Drill down into the details of your network usage with highly granular traffic analytics. Extend your visibility into the physical world with journey tracking through location analytics. View visitor numbers, dwell time, repeat visit rates, and track trends. Fully customize your analysis with raw data available via simple APIs.

* Refers to maximum over-the-air data frame rate capability of the radio chipset, and may exceed data rates allowed by IEEE 802.11ac-compliant operation.

Specifications

Radios

2.4 GHz 802.11b/g/n client access radio
5 GHz 802.11a/n/ac client access radio
2.4 GHz & 5 GHz dual-band WIDS/WIPS, spectrum analysis, & location analytics radio
2.4 GHz Bluetooth Low Energy (BLE) radio with Beacon and BLE scanning support
Concurrent operation of all four radios
Supported frequency bands (country-specific restrictions apply): 2.412-2.484 GHz 5.150-5.250 GHz (UNII-1) 5.250-5.350 GHz (UNII-2) 5.470-5.600, 5.660-5.725 GHz (UNII-2e) 5.725 -5.825 GHz (UNII-3)

Antenna

Integrated omni-directional antennas (5.5 dBi gain @ 2.4 GHz, 6.2 dBi gain @ 5 GHz)
Individual antenna elements for each radio

802.11ac Wave 2 and 802.11n Capabilities

4 x 4 multiple input, multiple output (MIMO) with four spatial streams
SU-MIMO and MU-MIMO support
Maximal ratio combining (MRC) & beamforming
20 and 40 MHz channels (802.11n); 20, 40, 80, and 160 MHz channels (802.11ac)
Up to 256-QAM on both 2.4 GHz & 5 GHz bands
Packet aggregation

Power

Power over Ethernet: 37 - 57 V (802.3at required; functionality-restricted 802.3af mode supported)
Alternative 12 V DC input
Power consumption: 21W max (802.3at)
Power over Ethernet injector and DC adapter sold separately

Interfaces

2x 10/100/1000 BASE-T Ethernet (RJ45)
1x DC power connector (5.5 mm x 2.5 mm, center positive)

Mounting

All standard mounting hardware included
Desktop, ceiling, and wall mount capable
Ceiling tile rail (9/16, 15/16 or 1 ½" flush or recessed rails), assorted cable junction boxes
Bubble level on mounting cradle for accurate horizontal wall mounting

Physical Security

Two security screw options (included)
Kensington lock hard point
Concealed mount plate with anti-tamper cable bay

Environment

Operating temperature: 32 °F to 104 °F (0 °C to 40 °C)
Humidity: 5 to 95% non-condensing

Physical Dimensions

10.56" x 6.38" x 1.58" (268.2 mm x 162.0 mm x 38.8 mm), not including deskmount feet or mount plate
Weight: 28.9 oz (820g)

Security

Integrated Layer 7 firewall with mobile device policy management
Real-time WIDS/WIPS with alerting and automatic rogue AP containment with Air Marshal
Flexible guest access with device isolation
VLAN tagging (802.1q) and tunneling with IPsec VPN
PCI compliance reporting
WEP, WPA, WPA2-PSK, WPA2-Enterprise with 802.1X
EAP-TLS, EAP-TTLS, EAP-MSCHAPv2, EAP-SIM
TKIP and AES encryption
Enterprise Mobility Management (EMM) & Mobile Device Management (MDM) integration
Cisco ISE integration for Guest access and BYOD Posturing

Quality of Service

Advanced Power Save (U-APSD)
WMM Access Categories with DSCP and 802.1p support
Layer 7 application traffic identification and shaping

Mobility

PMK, OKC, & 802.11r for fast Layer 2 roaming
Distributed or centralized layer 3 roaming

Analytics

Embedded location analytics reporting and device tracking
Global L7 traffic analytics reporting per network, per device, & per application

Warranty

Lifetime hardware warranty with advanced replacement included

Ordering Information

MR52-HW: Meraki MR52 Cloud Managed 802.11ac AP
MA-PWR-30W-XX: Meraki AC Adapter for MR Series (XX = US/EU/UK/AU)
MA-INJ-4-XX: Meraki 802.3at Power over Ethernet Injector (XX = US/EU/UK/AU)
Note: Meraki access point license required.

Compliance & Standards

IEEE Standards

802.11b
802.11g
802.11a
802.11n
802.11ac
802.11h
802.11i
802.11e
802.11k
802.11r
802.11u

Safety Approvals

UL 60950-1
CAN/CSA-C22.2 No. 60950-1
IEC 60950-1
EN 60950-1
UL 2043 (Plenum Rating)

Radio Approvals

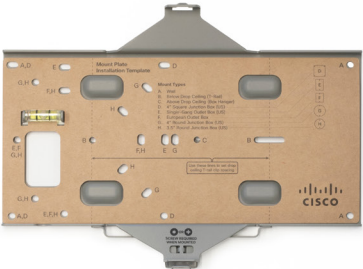
FCC Part 15C, 15E
RSS-247 (Canada)
EN 300 328, EN 301 893 (Europe)
AS/NZS 4268 (Australia/NZ)
NOM-121 (Mexico)
NCC LP0002 (Taiwan)
For additional country-specific regulatory information, please contact Meraki sales

EMI Approvals (Class B)

FCC Part 15B
ICES-003 (Canada)
EN 301 489-1-17, EN 55032, EN 55024 (Europe)
CISPR 22 (Australia/NZ)
VCCI (Japan)

Exposure Approvals

FCC Part 2
RSS-102 (Canada)
EN 50385, EN 62311, EN 62479 (Europe)
AS/NZS 2772 (Australia/NZ)



RF Performance Table

Operating Band	Operating Mode	Data Rate	TX Power	RX Sensitivity
2.4 GHz	802.11b	1 Mb/s	19 dBm	-98 dBm
		2 Mb/s	19 dBm	-93 dBm
		5.5 Mb/s	19 dBm	-92 dBm
		11 Mb/s	19 dBm	-87 dBm
2.4 GHz	802.11g	6 Mb/s	19 dBm	-92 dBm
		9 Mb/s	19 dBm	-91 dBm
		12 Mb/s	18 dBm	-90 dBm
		18 Mb/s	18 dBm	-88 dBm
		24 Mb/s	18 dBm	-85 dBm
		36 Mb/s	18 dBm	-82 dBm
		48 Mb/s	17 dBm	-76 dBm
		54 Mb/s	17 dBm	-75 dBm
2.4 GHz	802.11n (HT20)	MCS0/8/16	19/22/23/27 dBm	-92/-95/-96/-98 dBm
		MCS1/9/17	18/21/22/24 dBm	-88/-91/-92/-94 dBm
		MCS2/10/18	18/21/22/24 dBm	-86/-89/-90/-92 dBm
		MCS3/11/19	17/20/21/23 dBm	-82/-85/-86/-88 dBm
		MCS4/12/20	17/20/21/23 dbm	-80/-83/-84/-86 dBm
		MCS5/13/21	16/19/20/25 dBm	-75/-78/-79/-81 dBm
		MCS6/14/22	15/18/19/21 dBm	-73/-76/-77/-79 dBm
		MCS7/15/23	15/18/19/21 dBm	-72/-75/-76/-78 dBm

RF Performance Table

Operating Band	Operating Mode	Data Rate	TX Power	RX Sensitivity
5 GHz	802.11a	6 Mb/s	20 dBm	-91 dBm
		9 Mb/s	20 dBm	-90 dBm
		12 Mb/s	20 dBm	-89 dBm
		18 Mb/s	20 dBm	-87 dBm
		24 Mb/s	19 dBm	-80 dBm
		36 Mb/s	19 dBm	-77 dBm
		48 Mb/s	18 dBm	-75 dBm
		54 Mb/s	18 dBm	-74 dBm
5 GHz	802.11n (HT20)	MCS0/8/16	20/23/24 dBm	-91/-94/-95 dBm
		MCS1/9/17	20/23/24 dBm	-88/-91/-92 dBm
		MCS2/10/18	20/23/24 dBm	-85/-88/-89 dBm
		MCS3/11/19	20/23/24 dBm	-82/-85/-86 dBm
		MCS4/12/20	19/22/23 dBm	-78/-81/-82 dBm
		MCS5/13/21	19/22/23 dBm	-74/-77/-78 dBm
		MCS6/14/22	18/21/22 dBm	-71/-74/-75 dBm
		MCS7/15/23	17/20/21 dBm	-72/-75/-76 dBm
5 GHz	802.11n (HT40)	MCS0/8/16	20/23/24 dBm	-88/-91/-92 dBm
		MCS1/9/17	20/23/24 dBm	-85/-88/-89 dBm
		MCS2/10/18	20/23/24 dBm	-83/-86/-87 dBm
		MCS3/11/19	20/23/24 dBm	-79/-82/-83 dBm
		MCS4/12/20	19/22/23 dBm	-76/-79/-80 dBm
		MCS5/13/21	19/22/23 dBm	-73/-76/-77 dBm
		MCS6/14/22	18/21/22 dBm	-72/-75/-76 dBm
		MCS7/15/23	17/20/21 dBm	-70/-73/-74 dBm

RF Performance Table

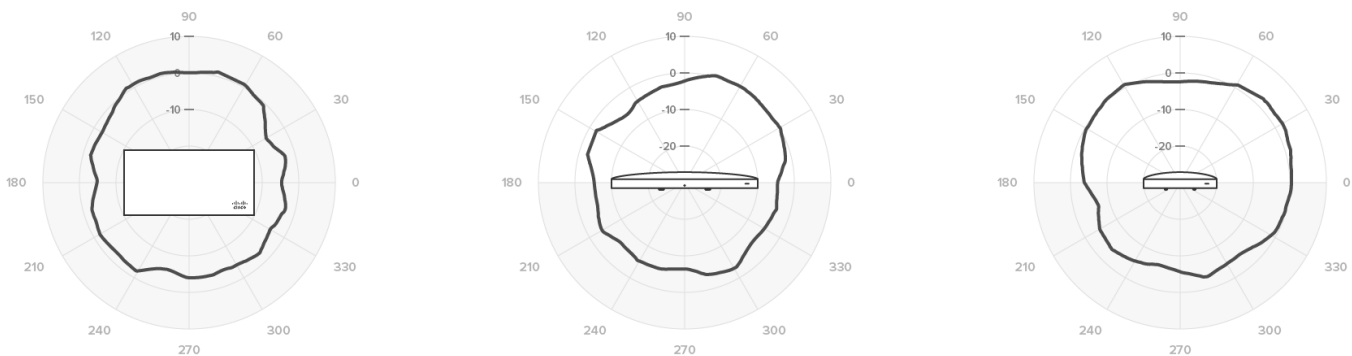
Operating Band	Operating Mode	Data Rate	TX Power	RX Sensitivity
5 GHz	802.11ac (VHT20)	MCS0/0/0/0	20/23/24/26 dBm	-91/-94/-95/-97 dBm
		MCS1/1/1/1	20/23/24/26 dBm	-88/-91/-92/-94 dBm
		MCS2/2/2/2	20/23/24/26 dBm	-85/-88/-89/-91 dBm
		MCS3/3/3/3	20/23/24/26 dBm	-82/-85/-86/-88 dBm
		MCS4/4/4/4	19/22/23/25 dBm	-78/-81/-82/-84 dBm
		MCS5/5/5/5	19/22/23/25 dBm	-74/-77/-78/-80 dBm
		MCS6/6/6/6	18/21/22/24 dBm	-71/-74/-75/-77 dBm
		MCS7/7/7/7	17/20/21/23 dBm	-72/-75/-76/-78 dBm
		MCS8/8/8/8	16/19/20/22 dBm	-66/-69/-70/-72 dBm
		MCS9/9/9/9	15/18/19/21 dBm	-62/-65/-66/-68 dBm
5 GHz	802.11ac (VHT40)	MCS0/0/0/0	20/23/24/26 dBm	-88/-91/-92/-94 dBm
		MCS1/1/1/1	20/23/24/26 dBm	-85/-88/-89/-91 dBm
		MCS2/2/2/2	20/23/24/26 dBm	-83/-86/-87/-89 dBm
		MCS3/3/3/3	20/23/24/26 dBm	-79/-82/-83/-85 dBm
		MCS4/4/4/4	19/22/23/25 dBm	-76/-79/-80/-82 dBm
		MCS5/5/5/5	19/22/23/25 dBm	-73/-76/-77/-79 dBm
		MCS6/6/6/6	18/21/22/24 dBm	-72/-75/-76/-78 dBm
		MCS7/7/7/7	17/20/21/23 dBm	-70/-73/-74/-76 dBm
		MCS8/8/8/8	16/19/20/22 dBm	-63/-66/-67/-69 dBm
		MCS9/9/9/9	15/18/19/21 dBm	-60/-63/-64/-66 dBm
5 GHz	802.11ac (VHT80)	MCS0/0/0/0	20/23/24/26 dBm	-85/-88/-89/-91 dBm
		MCS1/1/1/1	20/23/24/26 dBm	-81/-84/-85/-87 dBm
		MCS2/2/2/2	20/23/24/26 dBm	-79/-82/-83/-85 dBm
		MCS3/3/3/3	20/23/24/26 dBm	-76/-79/-80/-82 dBm
		MCS4/4/4/4	19/22/23/25 dBm	-72/-75/-76/-78 dBm
		MCS5/5/5/5	19/22/23/25 dBm	-68/-71/-72/-74 dBm
		MCS6/6/6/6	18/21/22/24 dBm	-66/-69/-70/-72 dBm
		MCS7/7/7/7	17/20/21/23 dBm	-65/-68/-69/-71 dBm
		MCS8/8/8/8	16/19/20/22 dBm	-61/-64/-65/-67 dBm
		MCS9/9/9/9	15/18/19/21 dBm	-59/-62/-63/-65 dBm
5 GHz	802.11ac (VHT80P80/VHT160)	MCS0	20 dBm	-82 dBm
		MCS1	20 dBm	-78 dBm
		MCS2	19 dBm	-76 dBm
		MCS3	19 dBm	-73 dbm
		MCS4	19 dBm	-69 dBm
		MCS5	19 dBm	-65 dBm
		MCS6	18 dBm	-63 dBm
		MCS7	17 dbm	-62 dBm
		MCS8	16 dBm	-58 dBm
		MCS9	15 dBm	-56 dbm

Signal Coverage Patterns

Radiation Pattern for 2.4GHz Antennas



Radiation Pattern for 5GHz Antennas





MR Cloud-Managed Wireless Access Points

OVERVIEW

The Meraki MR series is the world's first enterprise-grade line of cloud-managed WLAN access points. Designed for challenging enterprise environments, the MR access points use advanced

Wi-Fi 6 technologies including MU-MIMO, OFDMA, beam forming and channel bonding to deliver the throughput and reliable coverage required by demanding business applications.

CENTRALIZED CLOUD MANAGEMENT

The award-winning Cisco Meraki cloud management architecture provides powerful and intuitive centralized management, while eliminating the cost and complexity of traditional on-site wireless controllers. Seamlessly manage campus-wide Wi-Fi deployments and distributed multi-site networks with zero-touch access point provisioning, network-wide visibility and control, cloud-based RF optimization, seamless firmware updates and more. With an

intuitive browser-based user interface, Meraki WLAN configures in minutes without training or dedicated staff. Adding new sites to a network takes minutes, not hours or days, and there's no need to train additional staff to monitor or manage the remote networks. Meraki devices self-provision, enabling large campus and multi-site deployments without on-site IT.

CLASS-LEADING ENTERPRISE FEATURES

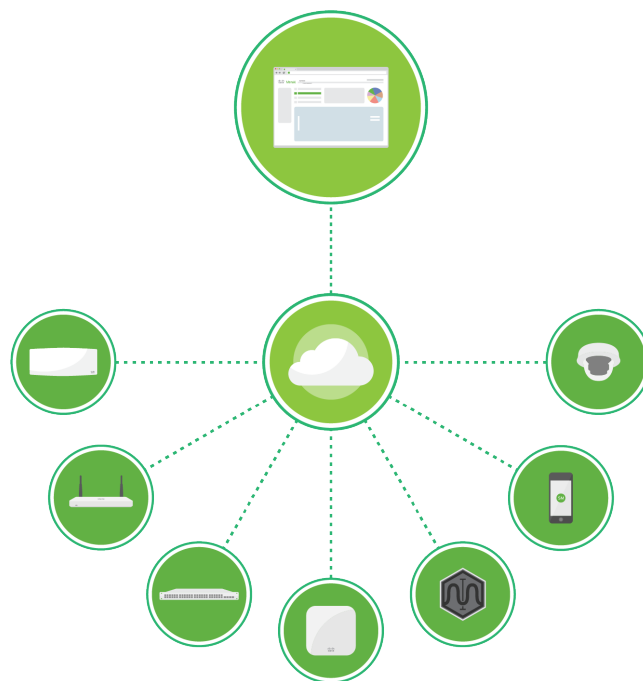
The MR series comes equipped with industry-leading features that make them ideal for demanding enterprise deployments:

- Self-configuring, plug-and-play deployment
- 802.11ax MU-MIMO with up to eight spatial streams, built for voice and video
- Integrated enterprise security and guest access
- Dedicated radio for security and RF optimization with integrated spectrum analysis (indoor models)
- Integrated intrusion detection and prevention system (WIDS/WIPS)
- Self-learning application-aware traffic analytics engine
- Flexible group policy engine for creating and applying application-aware policies by network, device-type, and end-user
- Integrated Bluetooth IoT radio
- Self-healing, zero-configuration mesh
- Role-based administration and automatic, scheduled firmware upgrades delivered over the web
- E-mail and text message alerts upon power loss, downtime, or configuration changes

RAPID DEPLOYMENT AND SCALABILITY

Built from the ground up, for multi-site networks, Meraki access points have revolutionized distributed branch wireless networking. Zero-touch deployments, multi-site visibility and control, and automated alerts make deploying, securing, and centrally managing branch networks a breeze.

The Meraki cloud-managed architecture enables plug-and-play branch deployments and provides centralized visibility and control across any number of distributed locations. Since Meraki MR series APs are managed entirely through the Meraki web-based dashboard, configuration and diagnostics can be performed remotely just as easily as on-site, eliminating costly field visits. Each device downloads its configuration via Meraki's cloud, applying your network and security policies automatically so you don't have to provision them on-site.



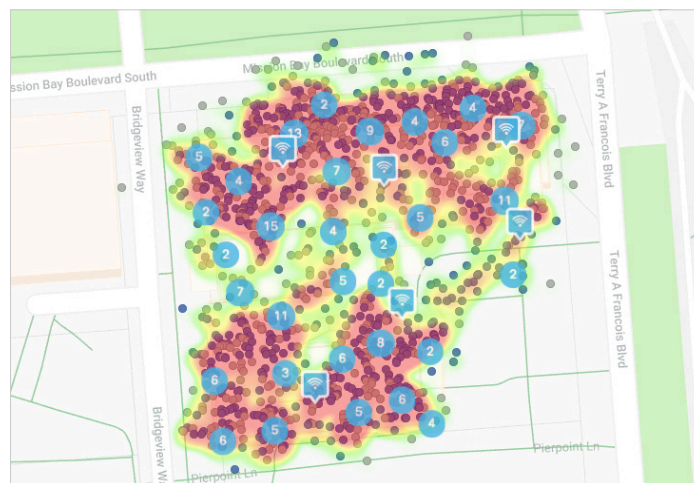
HIGH PERFORMANCE RF DESIGN

Every Meraki access point continuously and automatically monitors its surroundings to maximize Wi-Fi performance. By measuring channel utilization, signal strength, throughput, signals from non-Meraki APs, and non-Wi-Fi interference, Meraki APs automatically optimize Wi-Fi performance of individual APs and maximize system-wide performance.

Meraki APs have been deployed and proven in the most demanding environments, supporting more than 100 users per AP and collectively serving hundreds of Megabits per second of user traffic to thousands of devices. By eliminating traditional hardware controllers, Meraki also eliminates the performance bottleneck that often chokes high-density wireless deployments.

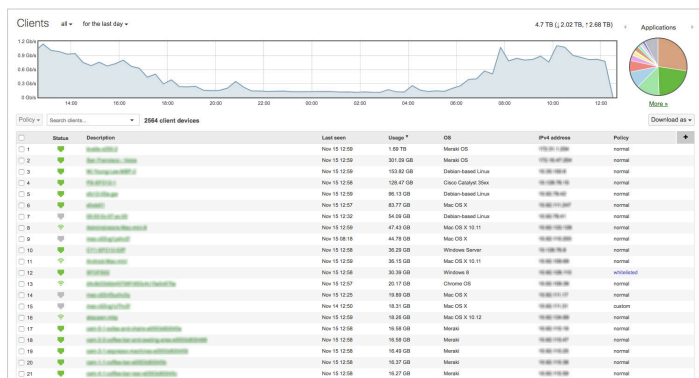
By measuring utilization from neighboring APs, detecting Wi-Fi signals from non-Meraki APs, and identifying non-Wi-Fi interference, Meraki APs continuously stay on top of changing and challenging conditions. Tools such as real-time spectrum analysis and live channel utilization deliver immediate information on the RF environment at any part of the network. Even in dynamic environments, Meraki networks automatically detect and adapt to interference from non-Wi-Fi sources.

Real-time and historical metrics ensure maximum system-wide performance. Wireless channels, AP output power, and client

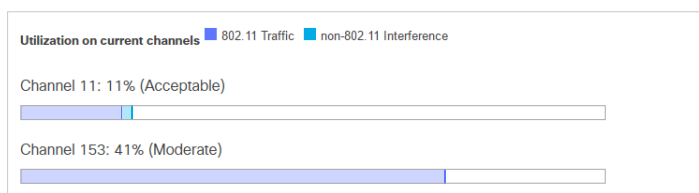


connection settings are automatically adapted to changing performance and interference conditions, eliminating the need for tedious manual adjustment of dozens of independent parameters.

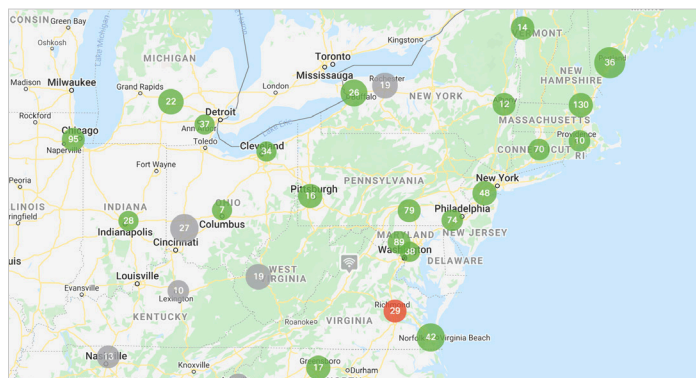
Mesh networking, included in every Meraki AP, extends coverage to hard-to-wire areas and creates a self-healing network that is resilient to cable and switch failures, continuing to operate despite failures or configuration changes in the rest of the network, without the need for manual configuration or optimization.



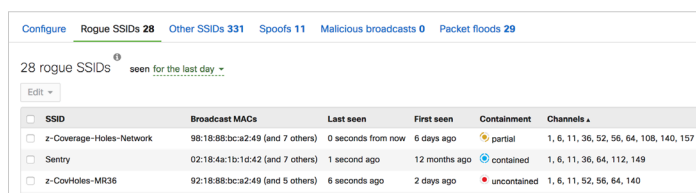
User analytics and traffic shaping



Live troubleshooting tools



Multi-site management



Air Marshal: Real-time wireless intrusion prevention system

ENTERPRISE SECURITY AND A DEDICATED RADIO

The MR series comes equipped with complete out-of-the-box enterprise class security. Segment wireless users, applications, and devices; secure your network from attacks and enforce the right policies for each class of users. A built-in stateful policy I3/L7 firewall, 802.1X/RADIUS support, and native Active Directory integration deliver fine-grained access control, while a guest access firewall provides secure, Internet-only guest Wi-Fi in just one click. Integrated network access control (NAC) provides end-user anti-virus scanning for accurate client device posture assessment to protect your wired and wireless network against virus infections.

Indoor APs feature a radio dedicated to full-time scanning, rogue AP containment, and automatic RF optimization. With Air Marshal, it is possible to set up a real-time wireless intrusion detection and prevention system (WIDS/WIPS) with user-defined threat remediation policies and intrusion alarms,

enabling secure wireless environments without complex setup or systems integration. Auto RF eliminates the need for manual RF configuration by scanning the environment for utilization, interference, and other metrics, and computing the optimal channel and power settings for every AP in the network. Meraki WLANs are fully HIPAA and PCI compliant.

Meraki MR APs integrate with Cisco Umbrella™ (formerly OpenDNS) offering a cloud-delivered first line of defense against security threats like malware, ransomware, and phishing. Cisco Umbrella, the industry's first secure Internet gateway, protects clients' devices at the DNS layer. The integration ensures DNS blind spots are proactively monitored and not exposed to malicious security threats.

Cisco ISE with Change of Authorization (CoA) provides secure access for authorized guests, oversight on guest onboarding, and identifies potential BYOD security threats.

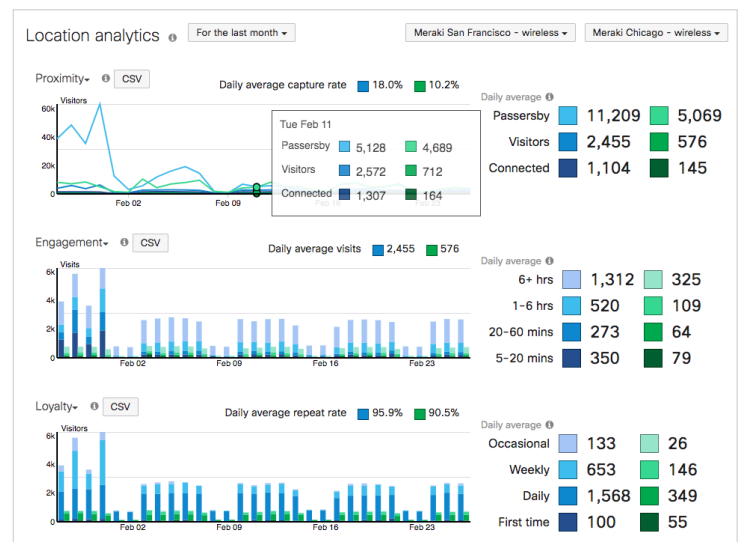
BUILT-IN GUEST ACCESS

Meraki cloud management provides the ability to customize and integrate splash pages onto each Meraki MR access point, with options for click-through or sign-on splash using your own RADIUS server or the Meraki cloud-based RADIUS user database. The Meraki MR series features a complete array of built-in captive

portal tools, including a guest ambassador portal for new-user sign-on, splash sign-in tracking, application blocking and traffic shaping, free and paid tiers of access, integrated credit card processing and prepaid code generation, and splash bypass for corporate-issued or recognized devices.

PRESENCE

The Meraki MR series tracks probing MAC addresses from associated and non-associated clients. This data is exported in real-time from the access points to Meraki's cloud for analytics; information is then calculated and presented in the Meraki dashboard to display metrics such as user dwell-time, repeat visits, and capture rate (people passing by vs. engaging with a site). This information can be used by retail, hospitality, and enterprise customers to understand foot traffic and visitor behavior across sites in order to facilitate an optimization of opening hours, marketing campaigns, and staffing policies.



Presence analytics (for non-associated clients)

BYOD-READY, OUT OF THE BOX

User-owned devices have exploded onto networks everywhere, with new iPads, Androids, and smartphones connecting every day. Meraki MR series APs feature built-in support for BYOD and make it easier than ever to securely track and support user-owned iPads, tablets, smartphones, and laptops—without extra appliances, licenses, or complex VLAN configurations. Using integrated Layer 7 client fingerprinting, client devices are automatically identified and classified, letting you distinguish between iPads and iPhones, device operation systems, and even manufacturers. Device-specific policies can be automatically applied to restrict, quarantine, or throttle user-owned devices. Client fingerprinting combined with a heuristics-driven reporting engine allow you to generate detailed reports of BYOD clients that have connected, measure the bandwidth and applications they've accessed, and even see their percentage of total traffic. Bonjour forwarding facilitates seamless discovery of Apple devices across VLANs rounding out a full BYOD-centric feature set.

Combine Meraki MR access points with Meraki cloud-based mobile device management (MDM)—called Meraki Systems Manager—to monitor each of your organization's devices, showing useful metrics including client hardware/software information and recent location, and centrally manage your corporate devices with a great degree of granularity. Log in with remote desktop or command-line, push new applications, and remotely lock and erase devices. Meraki SM provides secure and seamless client onboarding by encouraging devices connecting to corporate Wi-Fi to enroll into Systems Manager and encrypting network traffic between a user's device and the access point.



Client location tracking

Auto-tunneling VPN technology

Leveraging the Meraki cloud architecture, site-to-site VPNs can be enabled via a single click without and command-line configurations or multi-step key permission setups. Complete with IPsec encryption, deploy the following architectural setups within minutes:

- Teleworker VPN: Securely extend the corporate LAN to remote sites wirelessly, using the MR series with your own server or a Meraki MX
- Site-to-site VPN: Multi-branch VPN with WAN optimization and Content Filtering (using Meraki MX Security Appliance)
- Secure roaming: Layer 2 and Layer 3 roaming for large campus environments

Top operating systems				
#	OS	# Clients ▼	% Clients	Usage
1	Apple iPhone	843	38.5%	163.22 GB
2	Mac OS X	495	22.6%	1.20 TB
3	Apple iPad	168	7.7%	78.78 GB
4	Apple iPod	167	7.6%	45.13 GB
5	Windows 7	158	7.2%	304.96 GB
6	Android	144	6.6%	13.77 GB
7	Windows XP	59	2.7%	26.85 GB
8	Windows Vista	44	2.0%	81.39 GB
9	Apple iOS	31	1.4%	1.40 GB
10	Mac OS X 10.6	28	1.3%	84.06 GB

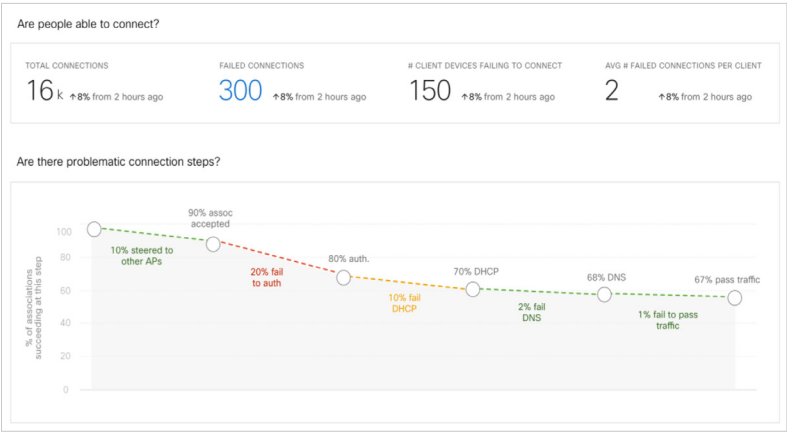
Device reporting and analytics

Distributed packet processing

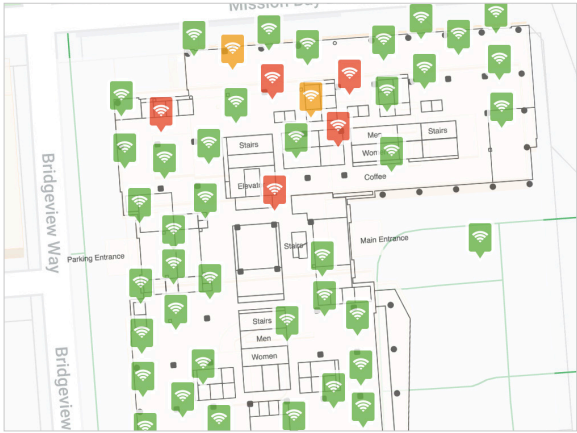
Meraki devices execute packet processing at the edge. Each wireless access point features a high performance CPU that enforces Layer 3-7 firewall policies, applicaiton QoS, network access control (NAC), and more. Meraki networks scale seamlessly—add capacity by simply deploying more APs, without concern for controller bottlenecks or choke points.

Every Meraki wireless access point is built with the packet processing resources to secure and control its client traffic, without need for a wireless LAN controller. Meraki APs are built with a high performance CPU, hardware-accelerated encryption, and extended memory resources to implement stateful firewall policies, voice and video optimization, and even Layer 7 traffic classification and QoS.

CLOUD-MANAGED HEALTH



Meraki Wireless Health provides a powerful heuristics engine that rapidly identifies anomalies impacting wireless end users' experience across every stage of client connectivity — association, authentication, IP addressing, and DNS availability — for rapid root cause analysis and response.



Using Wireless Health, immediate visibility is provided to determine if users are able to access the network, identify problematic APs and clients, and gain actionable insights to pinpoint stages of failure.



Dramatically simplify troubleshooting of the entire network infrastructure when combining Meraki access points with Meraki switches, and routers. Meraki wireless allows for a reduction in reactive troubleshooting and an increase in proactive and predictive network management, ensuring client, application, and service performance.

Product Options - Indoor Wi-Fi 6



	MR36	MR46	MR56	MR46E
Usage	Next generation, entry-level high performance Wi-Fi 6 AP with security scanning radio and BLE included	Next generation AP with Wi-Fi 6 technology. Ideal for high density locations. Security scanning radio and BLE included	Next generation AP with Wi-Fi 6 technology. Ideal for ultra high density and performance deployments. Security radio and BLE included	Next generation AP with Wi-Fi 6 technology. Ideal for high density locations with need for focused wireless coverage and external antennas.
Radio specification	1 × 2.4 Ghz 802.11b/g/n/ax 1 × 5 GHz 802.11a/n/ac/ax 1 × WIDS/WIPS 1 × Bluetooth 1.7 Gbit/sec max rate 2×2:2 MU-MIMO with beamforming	1 × 2.4 Ghz 802.11b/g/n/ax 1 × 5 GHz 802.11a/n/ac/ax 1 × WIDS/WIPS 1 × Bluetooth 3.5 Gbit/sec max rate 4×4:4 MU-MIMO with beamforming	1 × 2.4 GHz 802.11b/g/n/ax 1 × 5 GHz 802.11a/n/ac/ax 1 × WIDS/WIPS 1 × Bluetooth 5.9 Gbit/sec max rate 8×8:8 MU-MIMO with beamforming	1 × 2.4 GHz 802.11b/g/n/ax 1 × 5 GHz 802.11a/n/ac/ax 1 × WIDS/WIPS 1 × Bluetooth 3.5 Gbit/sec max rate 4×4:4 MU-MIMO and OFDMA with beamforming
Interface	1 × Gigabit Ethernet port	1 × 2.5 Multigigabit Ethernet port	1 × 5 Gbps Multigigabit Ethernet port	1 × 2.5 Multigigabit Ethernet port
Power	802.3af PoE DC power adapter	802.3at PoE DC power adapter	802.3at PoE DC power adapter	802.3at PoE DC power adapter
Performance features	2×2:2 MU-MIMO and OFDMA Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption Band steering	4x4:4 UL/DL MU-MIMO and OFDMA Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption Band steering	8x8:8 UL/DL MU-MIMO and OFDMA Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption Band steering	4x4:4 UL/DL MU-MIMO and OFDMA Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption Band steering Removable antennas
Dimensions	9.84" × 4.72" × 1.42" (25 cm × 12 cm × 3.6 cm)	12.05" × 5.06" × 1.74" (30.6 cm × 12.84 cm × 4.43 cm)	12.83" × 5.54" × 1.76" (32.6 cm × 14.08 cm × 4.47 cm)	9.84" × 4.72" × 1.42" (30.72 cm × 15.62 cm × 3.49 cm)
Weight	17.35 oz (0.5 kg)	28.21 oz (0.8 kg)	35.27 oz (1 kg)	29.98 oz (0.85 kg)

Product Options - Outdoor Wi-Fi 6



	MR76	MR86
Usage	Rugged/outdoor high performance Wi-Fi 6 wireless, outdoor campuses, industrial, point-point links, outdoor location services	Rugged/outdoor highest performance Wi-Fi 6 with Multigigabit for tough RF and high-density environments
Radio specification	1 × 802.11b/g/n/ax 1 × 802.11a/n/ac/ax 1 × WIDS/WIPS 1 × Bluetooth 1.7 Gbit/sec max rate 2×2:2 MU-MIMO and OFDMA with beamforming	1 × 802.11b/g/n/ax 1 × 802.11a/n/ac/ax 1 × WIDS/WIPS 1 × Bluetooth 3.5 Gbit/sec max rate 4×4:4 MU-MIMO and OFDMA with beamforming
Interface	1 × Gigabit Ethernet port 4 × External N-type connectors (Antennas sold separately)	1 × 2.5 Gbps Multigigabit Ethernet port 4 × External N-type connectors (Antennas sold separately)
Power	802.3af PoE	802.3at PoE
Physical design	Rugged industrial design Water and dust sealed (IP67 rated) Vibration and shock tested	Rugged industrial design Water and dust sealed (IP67 rated) Vibration and shock tested
Performance features	Third radio dedicated to security and RF management Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption Band steering Bluetooth low energy radio for Beacon and BLE scanning	Third radio dedicated to security and RF management Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption High-density support, band steering Bluetooth low energy radio for Beacon and BLE scanning
Dimensions	11.81" × 6.02" × 2.16" (30.0 cm × 15.3 cm × 5.5 cm)	11.81" × 6.02" × 2.16" (30.0 cm × 15.3 cm × 5.5 cm)
Weight	47.27 oz (1.34 kg)	52.91 oz (1.5 kg)

Product Options - Indoor Wi-Fi 5



	MR20	MR30H	MR33	MR42(E)	MR52/53(E)
Usage	Basic wireless, value-designed deployments	In-room hotel or dormitory deployments that must service IP-enabled devices	Entry-level 802.11ac Wave 2 for future-proof deployments	General purpose 802.11ac Wave 2 for campus and enterprise, with external antenna option	High performance 802.11ac Wave 2 with Multigigabit for high-density campus, and MU-MIMO, with external antenna option
Radio specification	1 × 802.11b/g/n 1 × 802.11a/n/ac 1.3 Gbit/sec max rate 2×2:2 MU-MIMO with beamforming	1 × 802.11b/g/n 1 × 802.11a/n/ac 1 × WIDS/WIPS 1 × Bluetooth 1.3 Gbit/sec max rate 2×2:2 MU-MIMO with beamforming	1 × 802.11b/g/n 1 × 802.11a/n/ac 1 × WIDS/WIPS 1 × Bluetooth 1.3 Gbit/sec max rate 2×2:2 MU-MIMO with beamforming	1 × 802.11b/g/n 1 × 802.11a/n/ac 1 × WIDS/WIPS 1 × Bluetooth 1.9 Gbit/sec max rate 3×3:3 MU-MIMO with beamforming	1 × 802.11b/g/n 1 × 802.11a/n/ac 1 × WIDS/WIPS 1 × Bluetooth 2.5 Gbit/sec max rate 4×4:4 MU-MIMO with beamforming
Interface	1 × Gigabit Ethernet port	1 × Gigabit Ethernet input 1 × Gigabit Ethernet LAN port with 802.3af PoE 3 × Gigabit Ethernet LAN ports	1 × Gigabit Ethernet port	1 × Gigabit Ethernet port	1 × 2.5Gbps Multigigabit Ethernet port 1 × Gigabit Ethernet port 2 × Gigabit Ethernet port (MR52)
Power	802.3af PoE DC power adapter	802.3at power w/ 802.3af PoE out/802.3af compatible w/o PoE out	802.3af PoE DC power adapter	802.3at/802.3af PoE DC power adapter	802.3at PoE DC power adapter
Performance features	2×2:2 MU-MIMO and OFDMA Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption Band steering	2×2:2 MU-MIMO and OFDMA Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption Band steering	2×2:2 MU-MIMO and OFDMA Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption Band steering	3×3:3 MU-MIMO Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption Band steering Removable antennas (MR42E)	4×4:4 MU-MIMO Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption Band steering Removable antennas (MR53E)
Dimensions	7.95" × 4.88" × 1.02" (20.2 cm × 12.4 cm × 2.6 cm)	6.1" × 4.3" × 0.9" (15.5 cm × 11.0 cm × 2.3 cm)	8.5" × 4.3" × 1.3" (21.5 cm × 11.0 cm × 3.2 cm)	10.0" × 6.1" × 1.5" (25.3 cm × 15.6 cm × 3.7 cm)	10.56" × 6.38" × 1.58" (26.8 cm × 16.2 cm × 3.9 cm)
Weight	9.6 oz (0.27 kg)	14.4 oz (.41 kg)	13.2 oz (0.38 kg)	25 oz (0.7 kg)	28.9 oz (0.82 kg)

Product Options - Outdoor Wi-Fi 5



	MR70	MR74	MR84
Usage	Basic outdoor/rugged WLAN, medium-density deployments	Rugged/outdoor general purpose WLAN, outdoor campuses, industrial, point-to-point links, outdoor location services	Highest performance 802.11ac Wave 2 with Multigigabit for tough RF and high-density environments
Radio specification	1 × 802.11b/g/n 1 × 802.11a/n/ac 1.3 Gbit/sec max rate 2×2:2 MU-MIMO with beamforming	1 × 802.11b/g/n 1 × 802.11a/n/ac 1 × WIDS/WIPS 1 × Bluetooth 1.3 Gbit/sec max rate 2×2:2 MU-MIMO with beamforming	1 × 802.11b/g/n/ac 1 × 802.11a/n/ac 1 × WIDS/WIPS 1 × Bluetooth 2.5 Gbit/sec max rate 4×4:4 MU-MIMO with beamforming
Interface	1 × Gigabit Ethernet port Integrated omni-directional antennas	1 × Gigabit Ethernet port Four external N-type connectors (Antennas sold separately)	1 × 2.5 Gbps Multigigabit Ethernet port 1 × Gigabit Ethernet port Four external N-type connectors (Antennas sold separately)
Power	802.3af PoE DC power adapter	802.3af PoE	802.3at PoE
Physical design	Rugged industrial design Water and dust sealed (IP67 rated) Vibration and shock tested	Rugged industrial design Water and dust sealed (IP67 rated) Vibration and shock tested	Rugged industrial design Water and dust sealed (IP67 rated) Vibration and shock tested
Performance features	Priority Voice Power Save (802.11e/WMM) Hardware-accelerated encryption	Third radio dedicated to security and RF management Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption Band steering Bluetooth low energy radio for beacon and BLE scanning	Third radio dedicated to security and RF management Priority Voice, Power Save (802.11e/WMM) Hardware-accelerated encryption High-density support, band steering Bluetooth low energy radio for beacon and BLE scanning
Dimensions	9.65" × 4.53" × 1.18" (24.5 cm × 11.5 cm × 3 cm)	10.1" × 6.22" × 3.3" (25.6 cm × 15.8 cm × 8.3 cm)	11.26" × 6.93" × 7.28" (28.6 cm × 17.6 cm × 18.5 cm)
Weight	15.87 oz (0.45 kg)	49.6 oz (1.4 kg)	60.8 oz (1.7 kg)

Licensing

	License	Description
All Cisco Meraki MR access points	LIC-ENT-1YR	Cisco Meraki MR Enterprise License and Support, 1 Year
	LIC-ENT-3YR	Cisco Meraki MR Enterprise License and Support, 3 Years
	LIC-ENT-5YR	Cisco Meraki MR Enterprise License and Support, 5 Years
	LIC-ENT-7YR	Cisco Meraki MR Enterprise License and Support, 7 Years
	LIC-ENT-10YR	Cisco Meraki MR Enterprise License and Support, 10 Years
	LIC-MR-ADV-1Y	Cisco Meraki MR Advanced License and Support, 1 Year
	LIC-MR-ADV-3Y	Cisco Meraki MR Advanced License and Support, 3 Years
	LIC-MR-ADV-5Y	Cisco Meraki MR Advanced License and Support, 5 Years
	LIC-MR-UPGR-1Y	Cisco Meraki MR ENT to ADV Upgrade License, 1 Year
	LIC-MR-UPGR-3Y	Cisco Meraki MR ENT to ADV Upgrade License, 3 Year
	LIC-MR-UPGR-5Y	Cisco Meraki MR ENT to ADV Upgrade License, 5 Year