

DATE: 6/08/2018

INVITATION TO BID  
THIS IS NOT AN ORDER

Page: 4

BID NO.: 50-00123294

**JEFFERSON PARISH**

PURCHASING DEPARTMENT  
P.O. BOX 9  
GRETN, LA. 70054-0009  
504-364-2678

VENDOR: 27118 BLANK BID COPY VENDOR

BUYER: MCamardelle

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

**DELIVERY: FOB JEFFERSON PARISH**

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES

3 weeks ARO

INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK

N/A

INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK

N/A

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: N/A  
NUMBER: ↓  
NUMBER: ✓  
NUMBER: \_\_\_\_\_

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) N/A

*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***	
FIRM NAME: <u>Industrial Video + Control</u>	
SIGNATURE: <u>Jennifer Williams</u> (Must be signed here)	TITLE: <u>Director of Sales</u>
PRINT OR TYPE NAME: <u>Jennifer Williams</u>	
ADDRESS: <u>105 McDougall Ct.</u>	
CITY, STATE: <u>Greenville, SC</u>	ZIP: <u>29607</u>
TELEPHONE: <u>(617) 467-3059 ext. 147</u>	FAX: <u>(617) 621-4062</u>
EMAIL ADDRESS: <u>jwilliams@ivcco.com</u>	

TOTAL PRICE OF ALL BID ITEMS: \$ 25,353.<sup>00</sup>

DATE: 6/08/2018

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## INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00123294

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	3.00	EA	<p>PURCHASE A QUANTITY OF OUTDOOR CAMERA SYSTEM FOR THE JEFFERSON PARISH DEPARTMENT OF EMERGENCY MANAGEMENT</p> <p>0010 - PANASONIC OUTDOOR CAMERA SYSTEM (AW-HE40S) D2CD12V40-2, NETWORK SURVEILLANCE CAMERA, PTZ, OUTDOOR, WEATHERPROOF, COLOR (DAY&amp;NIGHT), 1920 X 1080, MOTORIZED, 1000 TVL, AUDIO HD-SDI-DC 12V, PoE PLUS</p> <p>*MUST BE DELIVERED WITHIN 1 YEAR OF THE PURCHASE ORDER DATE*</p>	<p>\$8,451.00</p>	<p>\$25,353.00</p>

Debarment/Suspension Form

DEBARMENT/SUSPENSION CERTIFICATION

Debarment:

Federal Executive Order (E.O.) 12549 "Debarment" requires that all contractors receiving individual awards, using federal funds, and all subrecipients certify that the organization and its principals are not debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency from doing business with the Federal Government. By signing this document you certify that your organization and its principals are not debarred. Failure to comply or attempts to edit this language may disqualify your bid. Information on debarment is available at the following websites: [www.sam.gov](http://www.sam.gov) and <https://acquisition.gov/far/index.html> see section 52.209-6.

Your signature certifies that neither you nor your principal is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

NORMAN FAST - PRESIDENT  
(Name and Title of bidder's official)

INDUSTRIAL VIDEO & CONTROL CO., LLC  
(Name of bidder/company)

330 NEVADA ST  
(Address)

NEWTON, MA 02460  
(Address)

PHONE 617-467-3059 FAX 617-687-0757

EMAIL nfast@ivcco.com

Norman Fast Signature JAN 14, 2018 Date

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# Equipment **PROPOSAL**

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Prepared for

**Bid No. 50-00123294**

Jefferson Parish  
Department of Emergency  
Management

By

**Industrial Video & Control**

**Jennifer Williams**

(617) 467-3059 ext 147

jwilliams@ivcco.com

**Number** AAAQ2641-01

**Date** Jun 13, 2018



MADE IN THE  
**USA**

**IVC**  
&  
**INDUSTRIAL  
VIDEO & CONTROL**



## INDUSTRIAL VIDEO & CONTROL

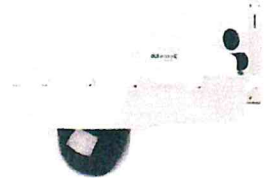
330 Nevada Street, Newton, MA 02460

t. 617.467.3059 f. 617.687.0751

"The Industrial Video Solutions Leader"

Qty	Description	Unit Price	Extended Price
3	<b>Panasonic D2CD12V40-2 Dotworkz Outdoor Enclosure with AW-HE40S Camera, Active Cooling, HD-SDI Output</b>	\$8,451.00	<b>\$25,353.00</b>

The D2CD12V40-2 outdoor camera system houses an AW-HE40S integrated PTZ camera within a a Dotworkz' D2 COOLDOME™ weatherproof enclosure which features Active Cooling, while the camera provides HD-SDI output. Production-quality, remote HD video capture is now possible in virtually any weather environment using this turnkey system that ships complete, and comes ready for immediate installation and deployment.



<b>SubTotal</b>	\$25,353.00
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<b>Tax</b>	\$0.00
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<b>Shipping</b>	
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<b>Total</b>	<b>\$25,353.00</b>
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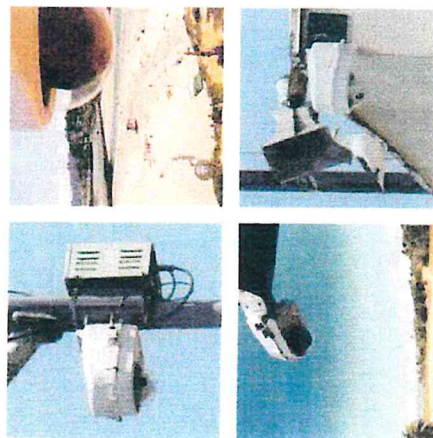
\*Shipping is FOB DELIVERED.





## Built to Stay Cool when the Weather is Beyond Hot

The Dotworkz COOLDOME™ Active Cooling technology offers the most advanced outdoor camera protection system available and has been designed to protect both IP and Analog cameras from extreme heat and direct sunlight. The COOLDOME™ is engineered for climates where heat damage can occur. It is IP66 rated airtight and sealed against outside air, dust, water and salt water and integrated IP66 waterproof cable ports, internal mounting space designed for routers, cell networks, hard drives, UPS, WiMax, mesh hardware and more.

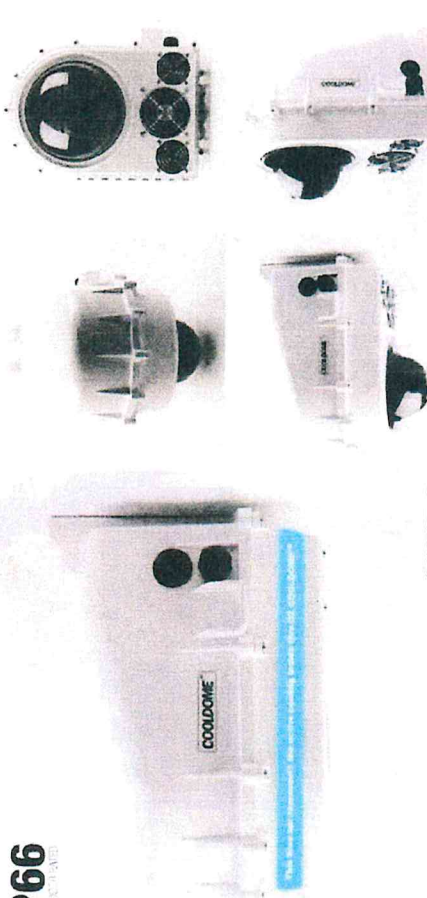


innovative

## D2-CD: Dotworkz D2 COOLDOME™ 12VDC Active Cooling Camera Enclosure (IP66)

### IP66

- Features:**
- COOLDOME™ Thermostatically controlled Active Cooling technology.
  - Up to 167° F (75° C) protection - up to a 45° F (25° C) differential with the outside.
  - Compatible with most brands and models of cameras: IP, CCTV, & HD PTZ's, including mini-dome cameras.
  - Integrated Dual Layer (Foil/Foam) Internal thermal blanket protects electronics from solar-heat and UV Rays to reduce solar-loading and protects from cold weather conditions, creating a stable internal camera environment.
  - Internal bracket included for perfect fit for PTZ, megapixel or mini domes.
  - Internal mounting space for: routers, cell networks, NVR, hard drives, UPS, WiMAX, etc.
  - IP66 Rated D2 housing with IP68 Cable Glands when properly installed with appropriate power & data cable that meets IP68 transversely sealed cable ratings.



\*Camera added for example purposes only

### 12VDC

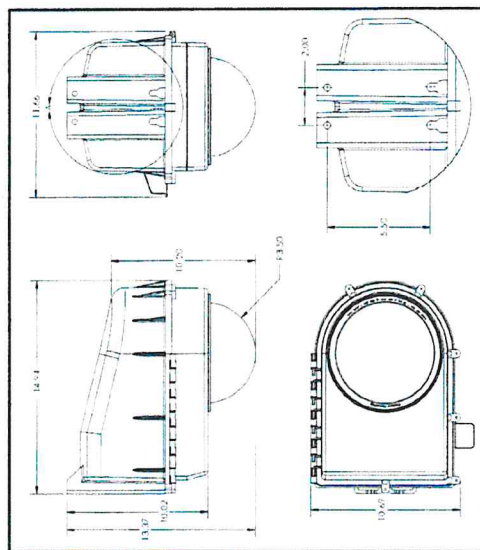
#### Description:

The D2 COOLDOME™ is the most advanced outdoor camera protection system available. The COOLDOME™ is designed with an active on-board & thermostatically controlled air conditioning, to protect both cameras and other system related hardware in one easy to install engineered form factor.

Dotworkz D2 COOLDOME™ uses solid state cooling technology which takes protection to the next level for climates where temperatures exceed 105° F (41° C) and reach as high as 167° F (75° C) the COOLDOME™ is the answer. Engineered for climates where heat damage can occur.

#### Specs:

- Operating Temperature (Absolute/Rec.):**  
-40° to 167°F (-40°C to 75°C)  
30° to 145°F (-1°C to 63°C)
- Power Consumption (without camera):**  
9 amps @ 12 VDC typical at full load
- Input Power Source Options:**  
12 VDC, 110 V AC, or 220 VAC
- Output for Camera Power:**  
12 VDC (24 VDC model available by special order)
- Internal Power Available for Camera:**  
3 amps @ 12 VDC on type II model
- Shipping:**  
17" x 13" x 16"  
15 lbs (6.8 kg)



www.dotworkz.com (866) 575-4589





# Panasonic

BUSINESS

**AW-HE40SW/SK** [SDI Model]  
**AW-HE40HW/HK** [HDMI Model]

HD Integrated PTZ Camera

For indoor use



AW-HE40SW/AW-HE40HW

Features 30x optical zoom lens  
and support for PoE+\*  
for outstanding operability  
and installation flexibility



AW-HE40SK/AW-HE40HK

\*Abbreviation of Power over Ethernet Plus.



## Full HD camera with integrated pan-tilt for lectures, meetings and a wide variety of applications.

The AW-HE40 series of integrated full HD cameras performs in a wide variety of onsite shooting applications that require high-quality video, such as conferences, lecture capture and other events, thanks to its high-performance zoom, wide angle of view and outstanding color reproducibility. In addition to IP video transmission, support for PoE+\*1 enables power to be supplied via a LAN cable\*2. The result is installation flexibility. It also supports HD-IP video output, output of video and audio via USB, and SD card recording.

### Developed 1/2.3-type MOS Sensor

Equipped with a developed 1/2.3-type MOS sensor and DSP (Digital Signal Processor) for high sensitivity and high resolution.

### High Performance Optical 30x Zoom Lens/ Super Resolution 40x Zoom

In addition to a 30x optical zoom, the AW-HE40 series can zoom up to 40x while maintaining high resolution thanks to Super Resolution technology. It also features a 16x digital zoom\*3 and a 1.4x digital extender, which enables the AW-HE40 series to shoot in large conference halls and classrooms.



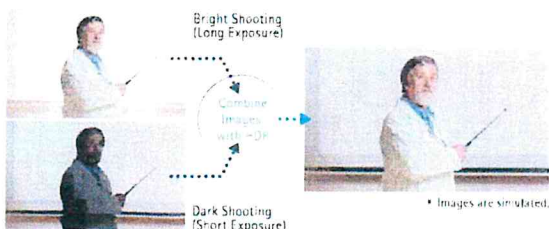
### Night Mode (supports automatic switching)

Switching to Night Mode makes shooting possible even in low light conditions in which shooting is normally difficult, such as when observing wildlife\*4. The AW-HE40 series can also be set to switch to the mode automatically depending on surrounding light levels.



### Equipped with High Dynamic Range (HDR) Mode

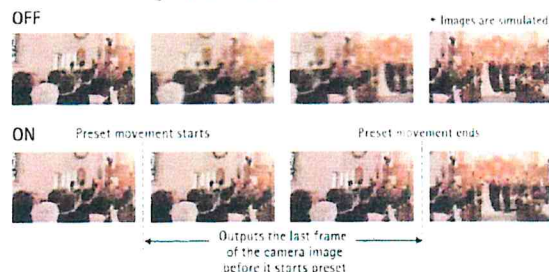
In addition to conventional Dynamic Range Stretch (DRS) and Digital Noise Reduction (DNR), the AW-HE40 series are newly equipped with High Dynamic Range (HDR) mode. When shooting and synthesizing two images with differing exposure times, the AW-HE40 series can create video with high visibility that corrects for halation and black defects even under backlit conditions.



### Outputs Still Image During Preset Movements; Supports One-Camera Operations

The new Freeze During Preset function enables to freeze the video during preset playback. The immediately preceding still image is output during preset movements so that the swiveling movement is not displayed, making operations possible with one camera.

#### With Freeze During Preset function OFF and ON



### Either SDI Model or HDMI Model Can Be Selected To Match Usage Needs

Supports 1080/59.94p (HDMI model only), 29.97p\*5, 59.94i, 29.97PsF, 1080/50p (HDMI model only), 25p\*5, 50i, 25PsF, 720/59.94p, and 50p video formats. Flexible operation in line with the application is made possible by a lineup that includes an SDI output model (AW-HE40SW/SK), optimal for video content production, and an HDMI output model (AW-HE40HW/HK), optimal for video streaming, both of which come in two body colors (white and black) that can be selected depending on the usage environment.

### Video/Audio Output with USB

USB Video Class and USB Audio Class are supported. This enables video and audio output via USB so the cameras can be used as high-image-quality Web cameras for Web conferencing, distance learning, and other applications utilizing communication software.

### Audio Input Function

The AW-HE40 series also supports audio input, embedding and encoding. Audio output to IP is also supported. The ALC (Audio Automatic Level Control) in the original AW-HE40 series can be switched ON/OFF and an equalizer function can be used. By reducing low-frequency sound from air conditioners, projectors, and other devices, it is possible to emphasize and increase the clarity of the spoken words.

\*1: Abbreviation of Power over Ethernet Plus. \*2: The software for the AW-HE40 series may need to be updated depending on the existing software version. For details, see the Panasonic Web site (



## microSD Card Recording Function

MicroSD card recording is supported. Camera video and audio can be recorded in MP4 format on microSD card (sold separately) inserted into the unit. In addition, using an IP network, it is possible to externally control recording start/stop and download the recorded files.



## Full HD Video Output Via IP Transmission

In addition to HD-SDI and HDMI output, production quality full HD video output via IP transmission is supported. The camera delivers up to four channels of IP streaming video (H.264), with a maximum quality level of 1080/60p at 24 Mbps<sup>\*1</sup>. Simultaneous transmission to as many as 14 devices is also supported<sup>\*2</sup>. Flexible system setup is possible to meet various application needs.



### List of Supported Multi-Streaming Outputs (When IP output priority is selected\*)

Settings	H.264	H.264	H.264	JPEG
	CH1	CH2 <sup>*1</sup>	CH3 <sup>*1</sup> /CH4 <sup>*2</sup>	CH1/CH2/CH3
Resolution	1920x1080 1280x720 <sup>*2</sup> 640x360 <sup>*3</sup>	1280x720 640x360 320x180	1280x720 640x360 320x180	1920x1080 <sup>*4</sup> 1280x720 <sup>*5</sup> 640x360 320x180 <sup>*6</sup>
Frame Rate	59.94 Hz 60 Hz	30 fps/30 fps/15 fps/5 fps 50 fps/25 fps/12.5 fps/5 fps	30 fps/15 fps/5 fps 25 fps/12.5 fps/5 fps	30 fps/15 fps/5 fps 25 fps/12.5 fps/5 fps
Bit rate			Up to 24 Mbps	
Voices transmission			Yes (AAC16 kHz)	
PoE+			Yes	

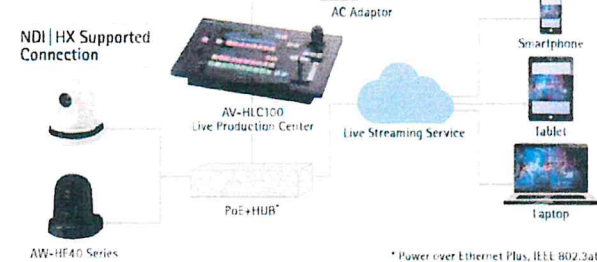
\* Depending on the output mode, certain restrictions apply.

## NDI|HX Compatibility for Excellent Video Streaming Quality

The AW-HE40 series can be upgraded to an NDI|HX compatible model if purchasing a license from the NewTek website ([https://pro-av.panasonic.net/en/ndihx\\_support/index.html](https://pro-av.panasonic.net/en/ndihx_support/index.html)). Highly efficient NDI|HX compatibility enables excellent broadcast streaming by encoding and transmitting high-quality video in real time. This technology eliminates the need for IP decoders, allowing input to be sent directly to the switcher.

\* Contact your local Panasonic vendor for further information.

### System Configuration

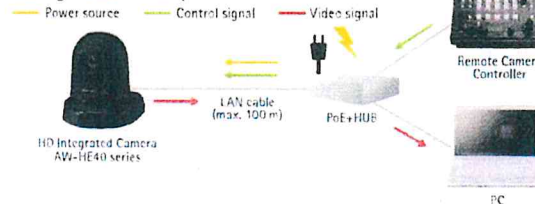


\* Power over Ethernet Plus, IEEE 802.3at

## Supporting PoE+<sup>\*6</sup> for Lower Installation Costs

By connecting network devices that support the IEEE802.3at PoE+ standard, power can be supplied via LAN cable. Since it is not necessary to install a power supply or even a local AC outlet, installation costs can be significantly reduced.

### Configuration Example



## IP Control with Image Monitoring Using PC, Mac and Mobile Terminals

Using an IP browser, the camera can be controlled from a remote location, and IP video monitoring and remote camera control can be performed from a PC, Mac or mobile terminal such as an iPhone, iPad or Android device, enabling easy operations. IP video<sup>\*7</sup> can be transmitted to up to 14 terminals<sup>\*1</sup>.

\* For the latest information on supported OS/browser, please refer to the "Service and support" section on the Panasonic website (<https://pro-av.panasonic.net/en/>).

### Camera Control Screen (PC)



Live Screen

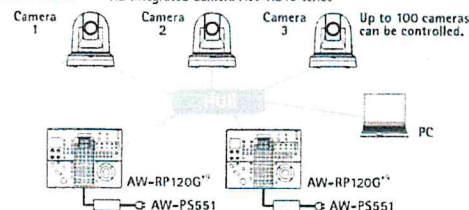
### Mobile Terminal Screen



## Flexible IP Control Architecture Simplifies System Design and Operation<sup>\*8</sup>

Up to 100 x AW-HE40 series cameras can be controlled via IP from a single AW-RP120G/RP50 or PC. An AW-HE40 series can also be simultaneously controlled by up to five AW-RP120G/RP50 controllers via IP.

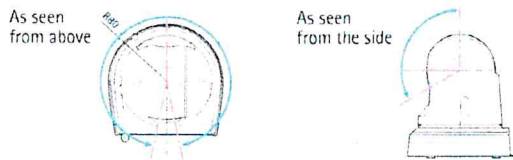
### Control via IP



\*1: 1920 x 1080/60 fps output is for display only. For further details, display is max. 30 fps. All video output is up to 1080p. \*2: Depends on your network environment. \*3: Scalable when H.264 is "OFF". \*4: Scalable when H.264 is set to "OFF" and the frame rate is lower than 30 fps for 60 fps. \*5: Not available when H.264 is "OFF". \*6: Abbreviation of Power over Ethernet Plus. \*7: Supports only SD video output. \*8: Controller upgrade required. For details, please refer to the "Service and support" section on the Panasonic website (<https://pro-av.panasonic.net/en/>). \*9: AC adaptor AW-HA01 (sold separately) is required for AW-HE40G.

## Exceptional Pan-tilt Performance for Smooth Shooting Over a Wide Area\*1

The pan range of  $\pm 175^\circ$  and the tilt range of  $-30^\circ$  to  $+90^\circ$  cover a wide shooting area\*1. Pan and tilt operate at a maximum speed of 90°/second and respond quickly to remote control operation. They operate quietly at a sound level of NC35 or lower.

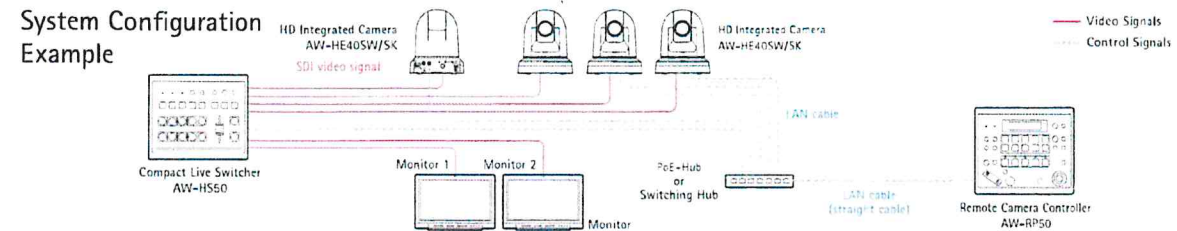


\*1. Depending on the position of the pan/tilt, the unit itself may be reflected in the image.

## Other Functions

- Preset memory up to 100 positions.
- Functions such as freeze during preset, digital extender zoom and color temperature settings can be assigned to the user buttons on Panasonic controllers.
- Equipped with RS422 remote terminal; up to five units can be controlled via serial control from a controller.
- Equipped with RS232C remote terminal (standard serial communication support). Up to seven units can be controlled via daisy chain connection.
- Up to four units can be operated with a wireless remote controller (AW-RM50G sold separately).
- Easy installation thanks to use of turn-lock mechanism.

## System Configuration Example



- \* The AC adaptor provided with the unit is not shown in the above figure. \* SDI output supported only by AW-HE40SW/SK.
- \* The camera unit automatically recognizes straight cables and cross cables connected to the LAN terminal.

## Optional Software

### Supporting Lecture Capture with Auto Tracking function

Auto Tracking Software Key  
AW-SF100/AW-SF200  
2 Additional Licenses AW-SF202  
3 Additional Licenses AW-SF203

A 30-day Free Trial is Available



Camera View Screen



Settings-PTZ Ctrl Screen

### (Main Features)

- "Motion detection" system using video streaming from camera achieves smooth auto tracking regardless of the person is facing.
- GUI designed for intuitive operation.
- Using IP-based software to support installation/operation of camera in classroom in remote location.
- Selectable as a Web application for flexible installation and operation, enabling control from a tablet, smartphone, desktop PC, etc.
- Easy to set up software installed on a PC by connecting AW-HE40 series. Installation of sensors and other devices are not necessary.

\* This refers to the standalone version. In case the Web application version is used, the Auto Tracking Software is installed on the HTTP server and used from there.

\* Depending on the usage conditions, there may be errors in detecting subjects or people tracking. Please use this software in an environment in which content can be made by operators.

\* There is a 30-day free trial available for Auto Tracking Software. Please purchase the Auto Tracking by Web Application Key after checking product and confirming that this will work in your environment during this free trial period. When purchasing optional software please refer to the Panasonic website (<https://store.panasonic.com/en/Software-Download>).

### PTZ Control Center

Free Software

- Intuitive GUI with the capability to control multiple cameras.
- Image quality adjustment and pan-tilt-zoom control on a GUI.
- Easy to recall presets by clicking preset buttons with thumbnails.



Main View

\* For further information on the optional software, please see "Software Download" on the Panasonic website (<https://store.panasonic.com/en/Software-Download>).

### PTZ Virtual USB Driver

Free Software

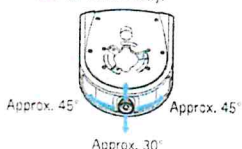
- High quality video perfect for web conferencing, utilizing a PTZ camera on the network as a USB camera.
- Automatic detection of connected cameras, and network settings supported.

## Easy Wireless Control Using an iPad\*2 with a Control Assist Camera\*3



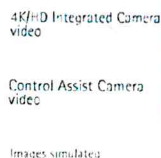
Control Assist Camera  
AW-HEA10W

- Range of lens movement  
This is adjustable 30° vertically and 45° horizontally.

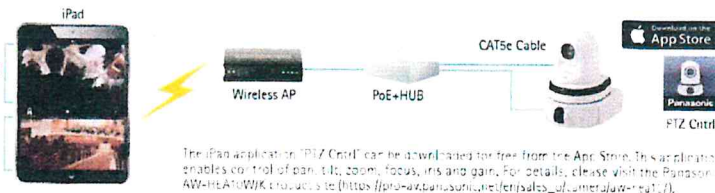


Control Assist Camera  
AW-HEA10K

- Usage example



- Used in combination with a 4K/HD Integrated Camera\*3.
- 95° wide-angle view from the Control Assist Camera is displayed on an iPad.
- Tapping the desired area of the wide-angle view displayed on the iPad\*2 turns the field of view of the 4K/HD Integrated Camera\*3 to the tapped position.
- \*2: An iPad (sold separately) and a wireless AP (sold separately) are required. Please install the iPad application "PTZ Ctrl" (free). For details, please visit Panasonic AW-HEA10W/K website ([https://pro-av.panasonic.net/en/sales\\_of\\_camera/aw-hea10/](https://pro-av.panasonic.net/en/sales_of_camera/aw-hea10/)).
- \*3: AW-HE130/HN130 series, AW-UE70/JN70 series, AW-HE40/HN40 series, and AW-HE38/HN38 series only.



The iPad application "PTZ Ctrl" can be downloaded for free from the App Store. This application enables control of pan, tilt, zoom, focus, iris and gain. For details, please visit the Panasonic AW-HEA10W/K website ([https://pro-av.panasonic.net/en/sales\\_of\\_camera/aw-hea10/](https://pro-av.panasonic.net/en/sales_of_camera/aw-hea10/)).



## As of April, 2018

[illegible]

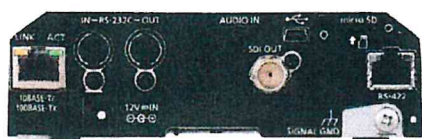
## As of April, 2018

\* 9: Use the desktop version of Internet Explorer. (Internet Explorer for Windows UI is not supported.) \* 10: Windows® XP compatibility mode is not supported.  
\* 11: The 64-bit version of Internet Explorer® is not supported.

● Microsoft®, Windows®, Windows 7®, Windows 8®, Windows 8.1 and Internet Explorer® are either registered trademarks or trademarks of Microsoft Corporation in the United States and other countries.  
● Apple, Mac, OS X, iPhone, iPod Touch, iPad, and Safari are registered trademarks of Apple Inc., in the United States and other countries.  
● Android™ is a trademark of Google Inc.



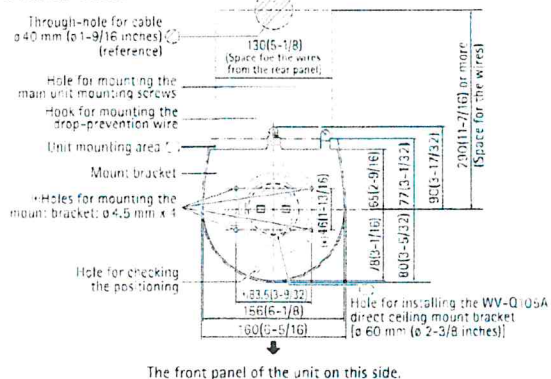
## AW-HE40SW/SK



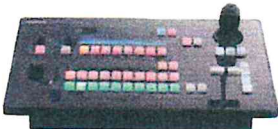
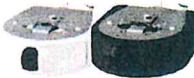






## AW-HE40HW/HK



## Unit: mm(inches)



## As of April 2018

<p><b>Live Production Center</b>  <i>AK-H1000</i></p> 	<p><b>Control Assist Camera</b>  <i>AK-H1000</i></p> 	<p><b>Remote Camera Controller</b>  <i>AK-H1000</i></p> 
<p><b>Wireless Remote Control</b>  <i>AK-H1000</i></p> <p>(“AA” “B” or “LR0” battery x2 are not included.)</p> 	<p><b>Remote Camera Controller</b>  <i>AK-H1000</i></p> <p>(AC adaptor (DC12 V) is required separately.)</p> 	<p><b>Remote Operation Panel</b>  <i>AK-H1000</i></p> <p>(AC adaptor (DC12 V) is required separately.)</p> 
<p><b>Compact Live Switcher</b>  <i>AK-H1000</i></p> 	<p><b>Direct Ceiling Mount Bracket</b>  <i>W750-USA</i></p> 	

For more information, please visit Panasonic web site



<https://pro-av.panasonic.net/>

\* Specifications are subject to change without notice.

# Panasonic

**Panasonic Corporation**  
**Connected Solutions Company**  
 2-15 Matsuba-cho, Kadoma Osaka 571-8503 Japan  
<https://pro-av.panasonic.net/>

**[Countries and Regions]**

Argentina	+54 (0) 4122 7200	Kuwait	+96 522431385
Australia	+61 (0) 2 9497 7400	Lebanon	+96 1166557
Brazil	+55 11 3885 4035	Malaysia	+60 3 7809 7888
Canada	+1 905 624 5010	Mexico	+52 55488 1000
China	+86 10 6515 8828	Mongolia	+976 70115577
Hong Kong	+852 2313 0888	Netherlands, Belgium	
Czech Republic	+421 (0) 903 447 757		+31 73 640 2729
Denmark	+45 43 20 08 57	New Zealand	+64 92 272 010
Egypt	+20 2 23938151	Norway	+47 67 91 78 00
Finland, Latvia, Lithuania, Estonia	+358 (9) 521 52 53	Pakistan	+92 21 111 567 111
France	+33 (0) 1 47 91 64 00	Palestine	+972 2 2988750
Germany, Austria, Switzerland	+49 (0) 6103 31887	Panama	+507 229 2955
Greece	+30 210 96 92 300	Philippines	+65 6277 7284
Hungary	+36 (1) 382 60 60	Poland	+48 (22) 338 1100
India	+91 1880 425 1860	Portugal	+351 21 425 77 04
Indonesia	+65 62277 7284	Romania, Albania, Bulgaria, Macedonia	
Iran			+40 (0) 729 164 387
(Vida)	+98 21 2271463	Russia & CIS	+7 495 9804206
(Panasonic Office)	+98 2108791102	Saudi Arabia	+966 (1) 4790499
Italy	+39 02 6788 367	Singapore	+65 5277 7284
Jordan	+962 6 5859801	Slovak Republic, Croatia, Serbia, Bosnia	
Kazakhstan	+7 727 298 0691	Montenegro, Slovenia	+381 (0) 903 447 757
Korea	+82 2 2106 6641	South Africa	+27 11 3131622
		Spain	+34 (93) 425 93 00

Sweden	+46 (8) 680 26 41
Taiwan	+886 2 2227 6214
Thailand	+662 731 8868
Turkey	+90 216 578 3700
U.A.E. (for All Middle East)	+971 4 8862142
Ukraine	+380 44 4503437
U.K.	+44(0)1344 70 69 13
U.S.A.	+1 877 803 8492
Vietnam	+65 6277 7284



Factories of AVC Networks Company have received ISO14001 2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)

SP-HE40PE5

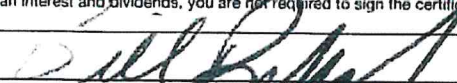
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**Request for Taxpayer  
Identification Number and Certification**

Give Form to the  
requester. Do not  
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.		
	2 Business name/disregarded entity name, if different from above <b>Industrial Video &amp; Control Co</b>		
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) <b>C</b> <b>Note.</b> For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶		4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
	5 Address (number, street, and apt. or suite no.) <b>330 Nevada Street</b>		Requester's name and address (optional) <b>Jefferson Parish Purchasing Dept. 200 Derbigny St., Suite 4400, Gretna, LA 70053</b>
	6 City, state, and ZIP code <b>Newton, MA 02460</b>		
	7 List account number(s) here (optional)		

<b>Part I Taxpayer Identification Number (TIN)</b>																																
Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> on page 3. <b>Note.</b> If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.																																
Social security number	<table border="1"><tr><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>or</td><td colspan="9">Employer identification number</td></tr><tr><td></td><td>2</td><td>2</td><td>-</td><td>3</td><td>8</td><td>3</td><td>9</td><td>9</td><td>2</td><td>6</td></tr></table>				-							or	Employer identification number										2	2	-	3	8	3	9	9	2	6
			-																													
or	Employer identification number																															
	2	2	-	3	8	3	9	9	2	6																						

<b>Part II Certification</b>	
Under penalties of perjury, I certify that:	
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and	
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and	
3. I am a U.S. citizen or other U.S. person (defined below); and	
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.	
<b>Certification instructions.</b> You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.	
Sign Here	Signature of U.S. person ▶  Date ▶ <b>3/20/2017</b>

**General Instructions**

Section references are to the Internal Revenue Code unless otherwise noted.

**Future developments.** Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at [www.irs.gov/fw9](http://www.irs.gov/fw9).

**Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

*If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.*

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.



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## Interactive TIN Session: Interactive Results

This screen provides you with the results of your TIN Match request. The 'Match Indicator' displays a code next to the TIN and name combination. Use the codes below to interpret your results:

- 0 = TIN and Name combination matches IRS records.
- 1 = TIN was missing or TIN not 9-digit numeric.
- 2 = TIN entered is not currently issued.
- 3 = TIN and Name combination does not match IRS records.
- 4 = Invalid TIN Matching request.
- 5 = Duplicate TIN Matching request.
- 6 = TIN and Name combination matches IRS SSN records.
- 7 = TIN and Name combination matches IRS EIN records.
- 8 = TIN and Name combination matches IRS SSN and EIN records.

**Important:** Before leaving this screen, you may want to do a Print Screen of the results. Once you exit this screen, the interactive results will no longer be available for viewing.

Using the TIN Matching system allows you to verify the accuracy of taxpayer TIN and name information prior to submitting information to IRS. Internal Revenue Code 6724 provides any penalties under Section 6721 may be waived if the filer shows the failure to file a correct TIN on an information return was due to reasonable cause and not willful neglect. Filers may prove due diligence and receive a waiver from proposed penalties if they prove the TIN and name combination they submitted matched IRS records. Providing a copy of the Print Screen of your Interactive Results will be considered proof of due diligence.

ID	TIN Type	TIN	Name	Result Code
1	Unknown	223839926	industrial video and control co	7

You may do either of the following:

- Select *Another Tin Matching Request* to check more TIN and Name combinations.
- Select *Done* to return to the TIN Matching home page.

[ANOTHER TIN MATCHING REQUEST](#)[DONE >](#)

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version 17.0.2



Username

[Forgot Username?](#)

Password

[Forgot Password?](#)[Log In](#)[Create an Account](#)

ALERT - June 11, 2018: Entities registering in SAM must submit a [notarized letter](#) appointing their authorized Entity Administrator. Read our [updated FAQs](#) to learn more about changes to the notarized letter review process and other system improvements coming in June.

# Entity Dashboard

[Entity Overview](#)[Entity Registration](#)[Core Data](#)[POCs](#)[Exclusions](#)[Active Exclusions](#)[Inactive Exclusions](#)[Excluded Family Members](#)[RETURN TO SEARCH](#)

## INDUSTRIAL VIDEO & CONTROL CO., LLC

DUNS: 066753844 CAGE Code: 3BQHS

Status: Active

Expiration Date: 12/11/2018

Purpose of Registration: All Awards

330 NEVADA ST  
NEWTON, MA, 02460-1458 ,  
UNITED STATES

### Entity Overview

#### Entity Registration Summary

Name: INDUSTRIAL VIDEO & CONTROL CO., LLC  
Business Type: Business or Organization  
Last Updated By: Sarah Nguyen  
Registration Status: Active  
Activation Date: 12/11/2017  
Expiration Date: 12/11/2018

#### Exclusion Summary

Active Exclusion Records? No



IBM v1.P.13.20180427-1347

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