

GRIDSMART[®]

SOFTWARE MODULES

Software Modules are independently licensed software components that add flexibility, maximize value, and create simple solutions for diverse needs. Modules are perpetually licensed for your GRIDSMART intersection regardless of future updates.

PERFORMANCE MODULE

The Performance Module enables robust reporting on performance-related data. It includes reports like volume, turning movement counts, length-based classification, incidents, red and green occupancy, red and green arrivals, and speed so that users can monitor, analyze, and fine-tune an intersection.

The Performance Module also provides Site Alerts (All System Events, Loss of Visibility, Flash, and Volume Exceeded) and Zone Alerts (Volume Exceeded and Zone Activated) by email.

STREAMS

Streams enables H.264 streaming from GRIDSMART cameras via the RTSP standard and works with RTSP standards-compliant video management systems.

PERFORMANCE PLUS MODULE

In the spirit of GRIDSMART Simplicity, all software features included in the Performance Module and Streams are available for one price under the Performance Plus Module.



SOFTWARE MODULES

PERFORMANCE MODULE

Part Number: GS-3-PFM

Counting Reports

Volume	Seven-Day Volume	Percent Arrivals on Red
Turning Movement Count	Green Occupancy	Speed
Incident	Red Occupancy	Vehicle Length Classification
Raw Export	Percent Arrivals on Green	Bicycle Classification

Automated Reports

Receive your frequently used reports via email automation. Requires an external antenna or Wide Area Network (WAN) connectivity for operation.

GRIDSMART Cloud Reports

Avoid unnecessary trips to the traffic cabinet by backing up your data on GRIDSMART Cloud. Requires an external antenna or WAN connectivity for operation.

Alerts

Email alerts are delivered upon each of the below occurrences. All Alerts require an external antenna or WAN connectivity for operation.

- **All System Events** sends alerts on system events such as Publish, Startup, IP address change, Camera Offline/Online. Note: Camera Offline/Online and Engine Restart events will send email alerts and back up on GRIDSMART Cloud once daily.
- **Loss of Visibility** sends alerts when camera visibility is lost for any zone.
- **Volume Exceeded** sends alerts when the site or zone volume exceeds a set amount.
- **Flash** sends alerts when the intersection is suspected to be in flash.
- **Zone Activated** sends alerts when a zone is activated. Note: This feature is also used for wrong-way detection.

STREAMS

Part Number: GS-3-STR

Frame Rate†:	SMARTMOUNT Bell Camera and SMARTMOUNT Advanced Camera - 10fps
Image Resolution†:	SMARTMOUNT Bell - 1280 x 960px SMARTMOUNT Advanced - 640 x 480px
Bandwidth Requirements†:	SMARTMOUNT Bell - 10Mbps SMARTMOUNT Advanced - 2.5Mbps

†SMARTMOUNT Advanced and the legacy TCA product have the same specifications for Streams.

PERFORMANCE PLUS MODULE

Part Number: GS-3-PFM+

The Performance Plus Module combines all features included in the Performance Module and Streams.

Bicycle Discrimination in the box and Pedestrian Zones are now included in the base GRIDSMART System at no additional cost.