

GRIDSMART®

► APPLICATIONS

Vehicle tracking and counting
Intersection actuation

► CAMERA

Supports two fisheye cameras,
or one fisheye and four traditional
cameras, or eight traditional cameras

► COMMUNICATIONS

TCP/IP

► CONNECTIVITY

Wide Area Network (WAN) port for
remote connectivity

► CONSUMPTION

35watts nominal, 85watts
with active camera heaters

► DETECTOR I/O

Twenty-four (24) optically isolated I/O,
SDLC interface, or ITS interface

► DIMENSIONS

8.5 x 11.5 x 1.75 inches (1U height)
(20.6 x 29 x 4.5 cm)

► ENVIRONMENTAL

NEMA TS2, -29°F to +165°F (-34°C to
+74°C) 0-95% non-condensing

► MAINTENANCE

Field repairable

► MECHANICAL

Multiple position options:
horizontally on a shelf, vertically
with an optional foot stand, and
mounted in a 19-inch rack

► OUTPUTS

24 optically isolated outputs, SDLC
interface conforming to TS2 specs,
Programmable up to 64 detectors

► POWER

120/240 VAC 50/60 Hz

► REGULATORY

FCC Class A

► CONFIGURATION

Windows XP or greater running
GRIDSMART Client application

► STANDARDS

NEMA TS2

► VIDEO OUTPUT

MJPEG

GS2 works with the GRIDSMART Cameras to actuate intersections and gather important traffic data that can be utilized to adjust signal timing and traffic flow strategies in real time.

GS2 is housed in an artisan-forged, single-piece, GRIDSMART-tough enclosure. Built with flexibility in mind, the 1U-high Processor can be rack-mounted, lie horizontally, or stand vertically. The GS2 front panel shows phases, calls, and status with bright, multi-color LEDs. GS2 has an Ethernet connection so the system can be attached to your network. Due to its modular design, GS2 is field repairable.

