

CUBIC™

GRIDSMART®

GRIDSMART designs, engineers, and assembles products for the Intelligent Transportation Systems (ITS) industry and provides services to municipal partners around the world. Our vision is to Improve One Billion Lives. We make transportation safer and more efficient for drivers, vulnerable road users, and equipment installers and maintainers. We see the center of the intersection and lead with technology and unparalleled customer service. GRIDSMART pioneered the world's first single-camera solution for intersection actuation, traffic data collection, and situational awareness, and continues to push boundaries for utilizing technology to improve traffic efficiency and safety.

GRIDSMART is deployed in intersections across the globe, from urban locations with a high density of drivers, bikers, and pedestrians, to suburban and rural communities in mid-size cities and small towns. Since the 2010 launch, the GRIDSMART System has been installed in 49 states and 29 countries. We are committed to being Simple, Flexible, and Transparent in our products, our culture, and our relationships with customers.

GRIDSMART SYSTEM

THE GRIDSMART SYSTEM IS A SINGLE-CAMERA SOLUTION FOR INTERSECTION ACTUATION, TRAFFIC DATA COLLECTION, AND SITUATIONAL AWARENESS WITH THREE COMPONENTS: SMARTMOUNT BELL, THE GS2 PROCESSOR, AND THE CLIENT, ALL EMPOWERED BY GRIDSMART CLOUD.



GS2 PROCESSOR

The GS2 Processor is the most computationally powerful piece of equipment in the traffic cabinet. GS2 algorithms construct three-dimensional models of objects approaching the intersection while tracking their trajectory from approach, through the intersection, to exit. GS2 interfaces to any controller for customer flexibility.

REAL-TIME PERFORMANCE

The LED front panel displays detection calls, signal states, and operational status.

NO RECURRING FEES

An embedded modem backs up configurations nightly. With the purchase of the Performance Plus Module, traffic data is deposited nightly to the GRIDSMART Cloud without recurring fees.

FLEXIBLE MOUNTING

GS2 can be rack mounted or positioned vertically or horizontally, adapting to any traffic cabinet.

CLIENT

The GRIDSMART System is configured and viewed by the intuitive Client software. The Client acts as a mini-TMC on your computer.

UNLIMITED ACCESS

Load the GRIDSMART Client on unlimited computers.

MULTIPLE CONFIGURATIONS

Create multiple intersection configurations with complete password-controlled reversion history.

ACCESSIBLE DATA

Run performance reports and export data from your computer.



SMARTMOUNT BELL

We designed SMARTMOUNT Bell to make our customers' lives easier. With its two-piece, 10-foot pole, SMARTMOUNT Bell achieves the correct mounting height (30 feet or higher) at each intersection with proper grounding. SMARTMOUNT Bell simplifies camera installation, reduces bucket truck time, and increases safety during your installation, ensuring an optimal install.

FISHEYE OPTICS

Provides a horizon-to-horizon view, including the center of the intersection.

NO AIM, NO FOCUS

Lifetime no aim, no focus guarantee.

INTERSECTION SAFETY

Center-of-the-intersection view empowers vulnerable road user extensions.



SOFTWARE MODULES

MODULES ARE INDEPENDENTLY LICENSED SOFTWARE COMPONENTS ADDING FLEXIBILITY AND MAXIMIZING VALUE, WHILE CREATING SIMPLE SOLUTIONS FOR DIVERSE NEEDS.

PERFORMANCE



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

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.

GRIDSMART CLOUD

ONE SIMPLE CLICK TO GRIDSMART CLOUD PROVIDES EVERYTHING YOU NEED FROM YOUR INTERSECTION.

GRIDSMART Cloud is the online support center for GRIDSMART installers and customers. By simply linking your Client to GRIDSMART Cloud, backup copies of all your site configurations are stored for easy recovery. GRIDSMART Cloud is where customers can download Client software and firmware updates.

CUSTOMER SUPPORT

IF YOU HAVE QUESTIONS OR NEED ASSISTANCE, PLEASE CONTACT US OR VISIT OUR ONLINE CUSTOMER RESOURCES.

WEBSITE: gridsmart.com

SUPPORT: support.gridsmart.com

PHONE: +1 866.652.5347

EMAIL: support@gridsmart.com

    @GRIDSMARTtech



IoT Solutions
Alliance

GRIDSMART is an Affiliate Member of the Intel Internet of Things Solutions Alliance.

From modular components to market-ready systems, Intel and the 800+ global member companies of the Intel Internet of Things Solutions Alliance provide scalable, interoperable solutions that accelerate deployment of intelligent devices and end-to-end analytics. Close collaboration with Intel and each other enable Alliance members to innovate with the latest technologies, helping developers deliver first-in-market solutions. Learn more at : intel.com/iotsolutionsalliance.