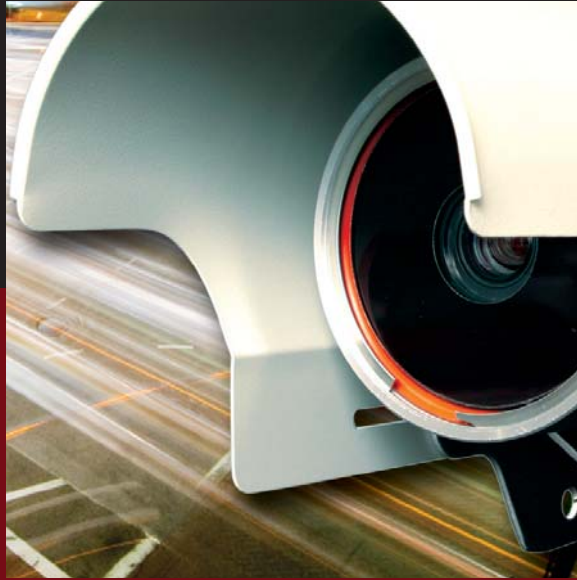


Innovation for better mobility



R O A D W A Y S E N S O R S

Video Detection Solutions

ITERIS[®]





“We get great service from Iteris. We love the ease of use of the products, and by moving video images from the field to our traffic management center, we get additional value from video detection that is not available with other technologies.”

*- Rafael Martinez
Senior Engineer - Traffic
City of Corona, CA*

Roadway Sensors

Combining industry-leading performance, functionality, and ease of use, Iteris' Vantage video detection systems offer winning solutions to address a broad range of vehicle detection applications. The systems capture and analyze video images through sophisticated algorithms, providing accurate vehicle detection in a flexible and easy to implement package.



When coupled with the ability to transmit both video images and data to a central location, Vantage offers unprecedented versatility and value to traffic engineers seeking powerful, flexible tools to move traffic.

- Vantage video detection systems are cost-effective
- Minimal need for lane closures
- Many detection zones with a single sensor
- Not impacted by pavement deterioration or construction
- Video-based detection uniquely offers something no other detection technology can – the video image itself

Vantage®

Iteris' Roadway Sensors are available in several models and configurations, resulting in a wide range of video detection options which can be tailored to a wide range of system configurations and applications.

Designed for intersection control, highway data collection and incident detection, the Edge®2 family of processors deliver superior detection performance.

Vantage video detection systems include robust, purpose built cameras designed to provide consistent images, suitable for image processing, under the wide range of lighting and weather conditions found on our roadways.

Iteris' VantageView™ advanced video detection management software, provides an integrated platform to manage and “see” Iteris' Vantage video detection assets remotely over a network connection. Vantage Remote Access Software (VRAS) is a windows program that provides a simple method for data retrieval and remote configuration for the Edge2 processor modules.

Iteris' EdgeConnect™ quad-view remote communications module provides both local and remote management of data and video over Ethernet — enabling system operators to manage their Vantage video detection systems more efficiently and effectively by allowing the user to view real-time video.

Iteris provides a wide variety of processor, camera, and accessory options to enable solutions tailored to suit a wide range of controller/control cabinet configurations.





“We have tried the rest and now go with the best! Iteris is our video detection product.”

*- Scotty Stewart
Signal Supervisor
City of McKinney, TX*

VersiCam™

VersiCam combines Iteris' proven video detection algorithms and imaging technology into one, easy to use, integrated camera and processor system. It is differentiated from the Vantage Edge2 family of products by its configuration of fewer detection zones and output channels that reflect the requirements of a less complex or more price-sensitive applications.

- VersiCam
- VersiCam Wireless



Abacus™

Abacus offers tracking-based detection algorithms to turn CCTV cameras into a rich source of traffic flow and incident data.

- Abacus Highway provides data collection and incident detection on limited access roads and major arterials
- Abacus Intersection automatically performs turning movement counts at intersections.

Applications

With tens of thousands of video detection systems installed worldwide, Iteris' Vantage systems deliver proven technology that is used in a wide range of applications:

- Intersection/Signal Control – Video detection for intersection control is used for both vehicle detection and remote viewing – allowing a remote command center to take remedial actions to relieve heavily congested areas.
- Bicycle Detection – Vantage is proven as an effective bicycle detection technology at signalized intersections, where it can be used to improve signal efficiency, decrease delay to bicyclists, and improve bicyclist safety.
- Traffic Data Collection – Iteris' Vantage and Abacus systems are powerful tools for traffic data collection. Vantage has been proven effective, for example, in providing accurate intersection turning movement counts. Abacus enables traffic engineers and planners to leverage their installed base of surveillance cameras by turning them into data collection and incident detection devices when they are not in use for surveillance.
- Automatic Incident Detection (AID) – Video detection plays a critical role in AID systems by providing the intelligent detection of events that enables the traffic management centers to provide rapid response to dangerous situations – minimizing disruption caused by the event.

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Why Iteris?

Iteris has a broad and modular product line that allows users to tailor the systems for specific applications and controller cabinet configurations. Our large selection of easy-to-use, high performance and cost-effective hardware options suits a wide variety of requirements. Through applying advanced engineering, ISO 9001:2008 industry best practices, experience, and imagination, Iteris develops end-to-end solutions through our products and services that solve traffic problems today and allow for future growth and flexibility.

Iteris' highly-trained and IMSA-certified product support engineers support the deployment and maintenance of our video detection systems. Our nationally-recognized team has an outstanding reputation for superior installation, maintenance and trouble-shooting, and can provide on-the-spot field training, when necessary.