



Vantage Express™

Video Based Data Measurement and Collection



FAMILY OF VANTAGE PROCESSORS

- ▲ Vantage Edge
- ▲ Vantage Plus
- ▲ Vantage One

HIGH PERFORMANCE VIDEO DETECTION CAMERA

- ▲ Variable focal length camera is ideal for “one size fits all” applications
- ▲ Easily installed, minimizes need for lane closures
- ▲ Shielded against sun and inclement weather
- ▲ Ideal for temporary or permanent installations
- ▲ Produces surveillance-quality video usable for transmission
- ▲ Wireless Option

VANTAGE FEATURES AND BENEFITS

- ▲ Alternative to in-pavement “loops”
- ▲ Low initial and life cycle cost
- ▲ Easy-to-use menu interface
- ▲ No computer needed for setup
- ▲ Works with VRAS software for remote access
- ▲ Retrieve speed, classifications, occupancy, volume, and counts
- ▲ Portability
- ▲ Vantage Viewer option
- ▲ Ideal for data applications
- ▲ Serial or contact closure output

Vantage Express™, a low cost data collection software solution for highway management systems, expands Iteris's existing and successful video detection system capabilities into data measurement and collection applications. Various traffic/congestion parameters can be collected and transmitted to a Traffic Management Center for further processing. In addition to supporting traffic analysis, these parameters can be used to detect incidents and calculate travel times.

▲ Video Detection for Data Measurement and Collection

Data includes:

- > vehicle counts (per lane)
 - > average vehicle speeds (MPH / KPH per lane)
 - > average headway per lane
 - > average gap per lane
 - > vehicle classification by length per lane (user definable bins)
 - > lane occupancy
 - > incident and stopped vehicle alarms
 - > low visibility alarm
 - > user-definable data collection intervals from 20 seconds to one hour
- ▲ Available on the Vantage Plus™, Vantage One™, and Vantage Edge™ platforms for optimal flexibility.
 - ▲ Compatible with Iteris's wireless camera system.
 - ▲ Up to 250 days of data storage.
 - ▲ Open collector outputs for detection and alarms.
 - ▲ Remote data retrieval.

