



## Vantage Next<sup>®</sup> Camera

State-of-the-art video detection that delivers superior performance on a scalable platform

### Benefits of the VantageNext system



Includes SmartCycle<sup>®</sup> and PedTrax<sup>™</sup>  
Provides automated bicycle and pedestrian counts



Single CAT5 sensor cable for ease of installation



Captures traffic data including turning movement counts



### State-of-the-art video detection system

Vantage Next<sup>®</sup> is Iteris' next generation video detection system that capitalizes on the latest technology. Vantage Next uses a powerful processor that enables future functional growth while maintaining proven Iteris video detection performance and reliability. The architecture supports expanding ITS applications and easily integrates with existing and future technologies.

Today's traffic engineers and planners need real-time data to ensure maximum efficiency and effectiveness of traffic management solutions. Vantage Next captures all the data necessary to allow the local traffic controller to manage the intersection remotely while delivering network-wide data back to the traffic management center.

### Simple to install and set up

Vantage Next improves the lifecycle cost by simplifying the cabling between the camera and the traffic cabinet and within the cabinet itself. No special tools are required for installation. Exceptional vehicle detection through advanced algorithm design.

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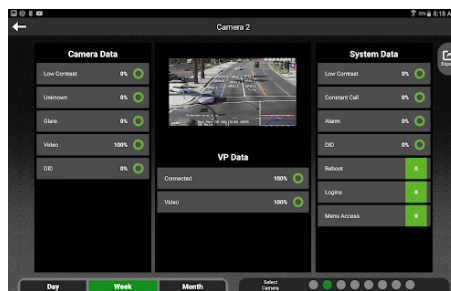
## Benefits

- Low lifecycle cost
- Easy to install, configure, and maintain
- CAT5 cable connections
- Simple and convenient access
- Flexible and scalable
- Automatic traffic counting
- FOV set up from the ground

## SPECIFICATIONS

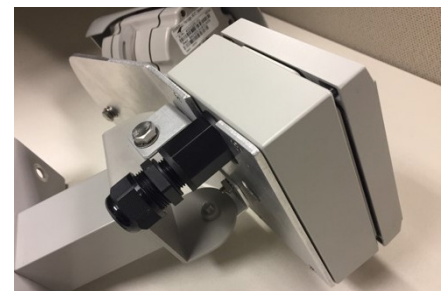
<b>Imager</b>	768 x 494 effective pixels 470 TV lines minimum Automatic white balance >50 dB S/N ratio Dynamic range >100 dB .1 lux capable 3D-DNR Noise Reduction	<b>Weight</b>	4.8 pounds (2.2 Kg), including camera, lens, using, sunshield, and mounting bracket
<b>Lens</b>	Focal length for a horizontal field of view ranging from 5.4°tele to 50.7° wide 12x zoom	<b>Environment</b>	
<b>Focus</b>	Adjustable/auto focus	<b>Temperature</b>	-35°F to +165°F (-34°C to +74°C)
<b>Connections</b>	Terminal block type connection RJ45 option	<b>Humidity</b>	0% to 95% non-condensing
<b>Physical</b>		<b>Vibration</b>	0.5G, 3 axes, 5-30Hz
<b>Dimensions</b>	16" (406 mm) L x 6.25" (159 mm) W x 7" (178 mm) H (without mounting bracket)	<b>Shock</b>	10G in all 3 axes
		<b>Heater</b>	Indium Tin Oxide, proportional power
		<b>Power</b>	48VDC, 5W
		<b>Communications</b>	DCAM I/F
		<b>Environmental</b>	IP-67
		<b>Regulatory</b>	NEMA TS-2 compliant. FCC part 15, Class A
		<b>Warranty</b>	3 years limited warranty

## Vantage Next Viewer and Next Setup Tool



Windows is a registered trademark of Microsoft.  
iOS is a registered trademark of Apple.

## Optional RJ45 bulkhead connection



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