



## Vantage Edge<sup>®</sup>2

A machine vision processor that delivers superior performance

### Benefits of the Vantage Edge2 System



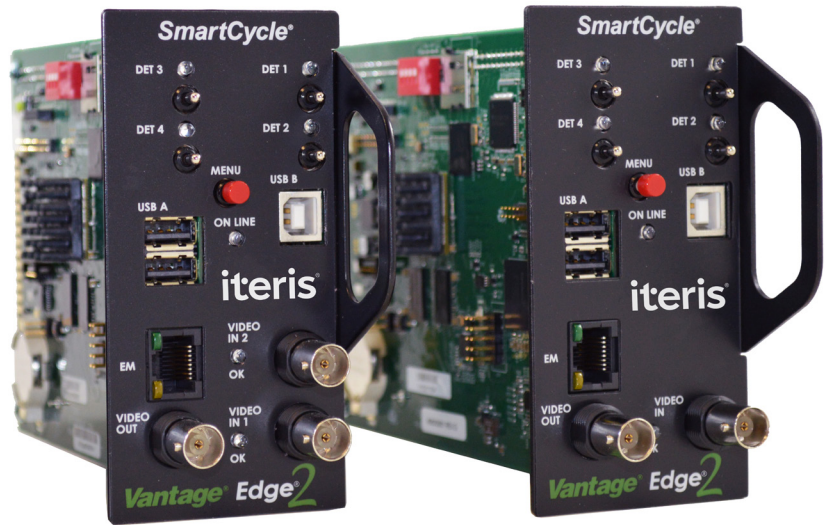
Includes SmartCycle<sup>®</sup> and PedTrax<sup>™</sup> technology



Simple to use interface reduces training time and improves productivity



Ease of set up and minimal lane closure time reduces manpower cost and keeps traffic flowing during equipment installation



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

The Vantage Edge<sup>®</sup>2 processor is a key component in the family of Vantage<sup>®</sup> video detection solutions. The module combines state-of-the-art technology with sophisticated algorithms to deliver dependable vehicle detection required for today's complex transportation systems. The Edge2 processor features single or dual video inputs to maximize configuration efficiencies for intersection control, highway monitoring, and ramp metering flow control applications.

### Maximum flexibility with optional modules

The processor module is complimented by multiple Input/Output and Extension Modules that provide flexible and expandable solutions to meet the needs of larger and more complex intersection configurations.

The Edge2 processor module and its associated expansion modules fit into standard detector racks to simplify installation and set up. All modules are designed as a simple and cost-effective replacement for the inductive loop amplifier module configuration.

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The Edge2 processor and all of its associated modules can be completely configured by using a mouse and video monitor only, eliminating the need for expensive laptops or PDA devices.

## More Benefits

- "Plug and play" operation enables use of existing detector rack
- Expandable and modular system allows for optimal configuration that helps to reduce cost while preserving room for incremental growth
- Includes PedTrax<sup>™</sup> for pedestrian measurement and speed

## SPECIFICATIONS

<b>Power Consumption</b>	I2 or 24 VDC, 7W maximum <ul style="list-style-type: none"><li>• @12VDC - 490mA</li><li>• @24VDC - 280mA</li></ul>	<b>Detector I/O</b>	Outputs (open collector +24VDC nominal 50mA) <ul style="list-style-type: none"><li>• 4 on rear edge of module</li></ul>	
<b>Video</b>	Input type <ul style="list-style-type: none"><li>• NTSC, PAL</li><li>• 75 Ohm I Vpp</li></ul> 1 input channel <ul style="list-style-type: none"><li>• Single BNC connector</li></ul> 2 input channel <ul style="list-style-type: none"><li>• Dual BNC connector</li></ul> Output - All models <ul style="list-style-type: none"><li>• Single BNC connector</li></ul>	Inputs <ul style="list-style-type: none"><li>• 4 on rear edge of module</li></ul>	<b>Status Indicators</b>	24 detection zones per camera channel 4 LEDs indicate output detection state 4 LEDs indicate video source
<b>Communication Ports</b>	USB A Mouse USB A Thumbdrive USB B Comms	<b>Environmental</b>	-35°F to +165°F (-37°C to +74°C) 0% to 95% humidity non-condensing 0.5Gm, 3 axes, 5-30Hz vibration tested 10G in all 3 axes for shock testing	
		<b>Mechanical</b>	7" L x 4.5" H x 2.31" W. (17.78cm x 11.43cm x 5.86cm) 0.8lb (.363Kg)	
		<b>Warranty</b>	3 years limited warranty	
		<b>Regulatory</b>	NEMA TS-2 Compliant FCC part 15, Class A	



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