

## Detection Comparison






Iteris detection provides enhanced functionality over others

Iteris patented sensor technology provides agencies with unmatched detection performance, complemented with many

industry leading value-added features and functions. Please visit us at [www.iteris.com](http://www.iteris.com) for more information.

	Function	Iteris Video Detection	Iteris Radar Detection	Inductive Loop	Magnetometer
Detection	Stop Bar Detection	✓	✓	✓	✓
	Advanced Detection	✓	✓	✓	✓
	Bicycle Differentiation with Single Sensor	✓			
	Ability to Verify Detection Accuracy	✓			
Data Collection	Turning Movement Counts	✓	✓	✓	✓
	Automatic Turning Movement Counts	✓	✓		
	Pedestrian Counts & Speed	✓			
	Count Accuracy	Excellent	Good	Excellent	Good
	Speed Accuracy	Good	Excellent	OK	OK
Installation	No In-Pavement Installation Required	✓	✓		
	Minimal Lane Closure Required for Install	✓	✓		
	Easy Adjustability to Accommodate Construction	✓	✓		
	Easy Mounting Configuration	✓	✓		
	Easy Accessibility	✓	✓		
Affordability	System Cost	Medium	Medium	Low	High
	Maintenance	Low	Low	High	High
	Life Cycle Cost	Low	Low	High	High

# Iteris Detection Solutions

					
Function	<b>Vantage NEXt</b>	<b>RZ-4 WDR</b>	<b>Vantage Vector</b>	<b>VersiCam</b>	<b>Vantage RADIUS</b>
Detection Technology	Video	Video	Video/Radar	Video	Radar
Video Output	Digital	Analog	Analog	Analog	Digital
Wide Dynamic Range Camera Technology	✓	✓	✓		✓
Adjustable Focal Length	✓	✓	✓	✓	
Lens Heater	✓	✓	✓	✓	
Self-Cleaning Glass	✓	✓	✓	✓	
Mouse & Monitor Set Up	✓	✓	✓	✓	✓
# Detection Zones/Camera	32	24	24	8	32
# Outputs/Camera	32	24	24	2	32
Bicycle Differentiation	✓	✓	✓	✓	
Pedestrian Measurement	✓	✓	✓		
Single Sensor for Stop Bar and Advanced Detection			✓		
Cabling to Camera	Single CAT5e or CAT6	Power – 3 conductor cable Video - COAX	Power – 3 conductor cable Video - COAX	Single CAT5e or CAT6	Single CAT5e or CAT6
Power	48VDC	110VAC	110VAC	48VDC	48VDC
Mobile Apps - iOS/Android	✓		✓		✓
Wireless Camera				Option	
Remote Firmware Upgrades	✓				✓
H.264 Streaming Video	✓	✓ (w/EdgeConnect)	✓ (w/EdgeConnect)		✓



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