



RZ-4 Advanced™ WDR

Advanced video detection enhanced with wide dynamic range technology

Benefits of the RZ-4 Advanced WDR



Specifically designed for vehicle and bicycle detection applications



Detects vehicles in any lighting and weather conditions.



Cable termination located at the rear of the camera simplifies cable connection



The industry's most advanced video detection camera

The RZ-4 Advanced WDR (RZ-4A WDR) is Iteris' premium video detection camera. Optimized for traffic video detection, the RZ-4A WDR combines Iteris' best-in-class all-weather performance video detection with Wide Dynamic Range (WDR) technology – using the advanced imager technology to handle extremes in light, dark, and severe glare conditions. In harsh backlit conditions, vehicles can be detected with >100dB of dynamic range; the camera can handle the most complicated scene. The RZ-4A WDR's simple installation, backward compatibility, and the capability to adjust the camera from the cabinet provides an advanced, easy-to-use solution for video vehicle detection.

The RZ-4A WDR detects vehicles in any lighting and weather conditions. In contrast to other CCTV type or thermal imaging cameras, the RZ-4A WDR delivers a video signal that is optimized for processing by the Vantage® video detection systems.

Easy to install and maintain

The RZ-4A WDR camera also has the capability to set up the field of view (FOV) from the bucket truck or from the ground at the cabinet.

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More Benefits

- Improved color and clarity of the video image, ideal for connection to a Vantage EdgeConnect™
- Quick-Click connectors and adjustable camera mount streamline installation and minimize setup time - no crimping tools required!
- Set up and configure at the camera or from the ground using the Advanced Lens Adjustment Module (sold separately)
- Performs in the most challenging lighting conditions
- Advanced heater enables optimal video detection performance in adverse weather conditions
- Advanced self-cleaning lens ensures lower camera maintenance.

SPECIFICATIONS

Imager	8M x 508 effective pixels	Physical	
	540 TV lines minimum	Dimensions	17" (43.2cm) long x 5" (12.7cm) diameter
	Automatic white balance		(without mounting bracket)
	>50 dB S/N ratio	Weight	5.7 pounds (2.6 Kg), including camera, lens, using,
	Dynamic range >100 dB		sunshield, and mounting bracket
	.003 lux capable	Environment	
	3D-DNR Noise Reduction	Temperature	-31° F to +165° F (-35° C to +74° C)
Lens	Focal length and focus adjustable at the rear of	Humidity	0% to 100%
	housing for a horizontal field of view ranging from	Vibration	0.5G, 3 axes, 5-30 Hz
	4.5° tele to 48° wide	Shock	10G in all 3 axes
	12x zoom	Power	
Focus	Adjustable/auto focus	Standard	115/230 VAC (5W typical, 25W max.) 50/60 Hz
Connections	Terminal block type connection	Heater	Indium Tin Oxide, proportional power



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