



RZ-4 ADVANCED™ WDR

*Advanced video detection enhanced with
wide dynamic range technology*

The industry's most advanced video detection camera

The RZ-4 Advanced WDR (RZ-4 AWDR) is Iteris' premium video detection camera. Optimized for traffic video detection, the RZ-4 AWDR 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 and 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-4 AWDR'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-4 AWDR detects vehicles in any lighting and weather conditions. In contrast to other CCTV type or thermal imaging cameras, the RZ-4 AWDR delivers a video signal that is optimized for processing by the Vantage video detection systems.





BENEFITS

- Specifically designed for vehicle detection applications
- Improved color and clarity of the video image, ideal for connection to an 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
- Cable termination located at the rear of the camera simplifies cable connection
- Performs in the most challenging lighting conditions
- Advanced heater enables optimal video detection performance in adverse weather conditions.



Vantage LAM

The LAM (Lens Adjustment Module) is an easy to use device that allows field adjustment of the camera settings. The unit is available in NTSC or PAL format, and can be used with or without a monitor.

No laptop required for set up.



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Easier to install and maintain

The RZ-4 AWDR camera also gives technicians the option to set up the field of view (FOV) from the bucket truck or from the ground at the cabinet.

SPECIFICATIONS

Imager	811 x 508 effective pixels
	540 TV lines minimum
	Automatic white balance
	>50 dB S/N ratio
	Dynamic range >100 dB
	.003 lux capable
	3D-DNR Noise Reduction
Lens	Focal length and focus adjustable at the rear of housing for a horizontal field of view ranging from 4.5°tele to 48° wide
	12x zoom
Focus	Adjustable/auto focus
Connections	Terminal block type connection
Physical	
Dimensions	17" (43.2cm) long x 5" (12.7cm) diameter (without mounting bracket)
Weight	5.7 pounds (2.6 Kg), including camera, lens, using, sunshield, and mounting bracket
Environment	
Temperature	-31° F to +165° F (-35° C to +74° C)
Humidity	0% to 100%
Vibration	0.5G, 3 axes, 5-30 Hz
Shock	10G in all 3 axes
Power	
Standard	115/230 VAC (5W typical, 25W max.) 50/60 Hz
Heater	Indium Tin Oxide, proportional power



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