RoadRunner™ Pro Exterior Backup Camera



ON-BOARD VIDEO SECURITY SYSTEM





FEATURES

- 1/2, 2.13M Pixel CMOS
- Resolution:1920H*1080V
- Minimum Illumination: 0Lux (IR on), 0.05Lux (IR off)
- Auto Electronic Shutter, Auto Exposure, and Auto White Balance
- Multiple Lens Support (2.2mm/2.8mm/3.6mm)
- IR Range: 10-15m
- Waterproof Support IP69K (Car Wash Support)

AHD CAMERA

Specifically designed and manufactured for transit applications, RoadRunner Pro HD cameras are auto-connecting, resulting in simple installation and maintenance - programming and IP configuration is automatic.

RUGGED AND RELIABLE

Providing the highest quality recording in a rugged and vandalresistant enclosure, the RoadRunner Pro IPC Backup Camera is designed for optimal viewing and flexibility for all types of transit vehicles.



RoadRunner™ Pro Exterior Backup Camera ON-BOARD VIDEO SECURITY SYSTEM

TECHNICAL DATA

Part/Model Number (N. America) RRP-AHD-BUC	Product Ordering Information	
Power Consumption 260mA/DC12V ±5%	Part/Model Number (N. America)	RRP-AHD-BUC
Power Supply PON (DC9-16V) Mechanical Properties Dimension (Unit in mm) 66mm*58mm*46mm (L*W*H) Net Weight of Product About 180g Image 2.2mm M12@ F2.0, FOV: HFOV: 152° VFOV:83° DFOV:180° 2.8mm M12@ F2.0, FOV: HFOV: 103° VFOV: 56° DFOV: 121° 3.6mm M12@ F2.2, FOV: HFOV: 103° VFOV: 49° DFOV: 103° Resolution 1920H*1080V Infrared Range IR 10-15m (2 dot-matrix displays) Back-Light Compensation Support Sensor 1/2. 2.13M Pixel CMOS Minimum Illumination OLux (IR on), 0.05Lux (IR off) \$\frac{1}{2}\$ SodB Electronic Shutter 1/25s-1/25,000s (auto) Day/Night Mode ICR IR Filter White Balance Auto tracking of white balance Standard PAL/NATSC Scanning System Progressive Scan Synchronization System Internal Synchronization Video Video Output 1.0Vp-p Composite Video output, 750, 4PIN aviation cable Auto Gain Supported Digital WDR Supported Environment Working Temperature -40°C-+70°C Operating Humidity <95% (no condensation)	Electrical Properties	
Mechanical Properties Dimension (Unit in mm) 66mm*58mm*46mm (L*W*H) Net Weight of Product About 180g Image 2.2mm M12@ F2.0, FOV: HFOV: 152° VFOV:83° DFOV:180° Lens 2.8mm M12@ F2.0, FOV: HFOV: 103° VFOV: 56° DFOV: 121° 3.6mm M12@ F2.2, FOV: HFOV: 88° VFOV: 49° DFOV: 103° Resolution 1920H*1080V Infrared Range IR 10-15m (2 dot-matrix displays) Back-Light Compensation Support Sensor 1/2. 2.13M Pixel CMOS Minimum Illumination 0Lux (IR on), 0.05Lux (IR off) S/N 250dB Electronic Shutter 1/25s-1/25,000s (auto) Day/Night Mode ICR IR Filter White Balance Auto tracking of white balance Standard PAL/NATSC Scanning System Progressive Scan Synchronization System Internal Synchronization Video Video Output 1.0Vp-p Composite Video output, 75Ω, 4PIN aviation cable Auto Gain Supported Boylance Supported Boylance Supported Supported Environment Working Temperature -40°C-+70°C	Power Consumption	260mA/DC12V ±5%
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Net Weight of Product Image About 180g Lens 2.2mm M12@ F2.0, FOV: HFOV: 152° VFOV:83° DFOV:180° 2.8mm M12@ F2.0, FOV: HFOV: 103° VFOV: 56° DFOV: 121° 3.6mm M12@ F2.0, FOV: HFOV: 88° VFOV: 49° DFOV: 103° Resolution 1920H*1080V Infrared Range IR 10-15m (2 dot-matrix displays) Back-Light Compensation Support Sensor 1/2. 2.13M Pixel CMOS Minimum Illumination OLux (IR on), 0.05Lux (IR off) S/N ≥50dB Electronic Shutter 1/25s-1/25,000s (auto) Day/Night Mode ICR IR Filter White Balance Auto tracking of white balance Standard PAL/NATSC Scanning System Progressive Scan Synchronization System Internal Synchronization Video Output 1.0Vp-p Composite Video output, 75Ω, 4PIN aviation cable Auto Gain Supported Digital WDR Supported Environment Vorking Temperature -40°C-+70°C Operating Humidity <95% (no condensation)	Mechanical Properties	
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Resolution 1920H*1080V Infrared Range IR 10-15m (2 dot-matrix displays) Back-Light Compensation Support Sensor 1/2. 2.13M Pixel CMOS Minimum Illumination 0Lux (IR on), 0.05Lux (IR off) S/N ≥50dB Electronic Shutter 1/25s-1/25,000s (auto) Day/Night Mode ICR IR Filter White Balance Auto tracking of white balance Standard PAL/NATSC Scanning System Progressive Scan Synchronization System Internal Synchronization Video Video Output Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment Vorking Temperature -40°C-+70°C Operating Humidity <95% (no condensation)	Lens	C ·
Infrared Range IR 10-15m (2 dot-matrix displays) Back-Light Compensation Support Sensor 1/2. 2.13M Pixel CMOS Minimum Illumination 0Lux (IR on), 0.05Lux (IR off) S/N ≥50dB Electronic Shutter 1/25s-1/25,000s (auto) Day/Night Mode ICR IR Filter White Balance Auto tracking of white balance Standard PAL/NATSC Scanning System Progressive Scan Synchronization System Internal Synchronization Video Video Output 4.00 Pp Composite Video output, 75Ω, 4PIN aviation cable Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment -40°C-+70°C Operating Humidity <95% (no condensation)		<u> </u>
Back-Light Compensation Support Sensor 1/2. 2.13M Pixel CMOS Minimum Illumination 0Lux (IR on), 0.05Lux (IR off) S/N ≥50dB Electronic Shutter 1/25s-1/25,000s (auto) Day/Night Mode ICR IR Filter White Balance Auto tracking of white balance Standard PAL/NATSC Scanning System Progressive Scan Synchronization System Internal Synchronization Video Video Output 1.0Vp-p Composite Video output, 75Ω, 4PIN aviation cable Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment -40°C-+70°C Operating Humidity <95% (no condensation)	Resolution	1920H*1080V
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S/N ≥50dB Electronic Shutter 1/25s-1/25,000s (auto) Day/Night Mode ICR IR Filter White Balance Auto tracking of white balance Standard PAL/NATSC Scanning System Progressive Scan Synchronization System Internal Synchronization Video Video Output 1.0Vp-p Composite Video output, 75Ω, 4PIN aviation cable Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment Working Temperature -40°C−+70°C Operating Humidity <95% (no condensation)		1/2. 2.13M Pixel CMOS
Electronic Shutter 1/25s-1/25,000s (auto) Day/Night Mode ICR IR Filter White Balance Auto tracking of white balance Standard PAL/NATSC Scanning System Progressive Scan Synchronization System Internal Synchronization Video Video Output 1.0Vp-p Composite Video output, 75Ω, 4PIN aviation cable Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment Working Temperature -40°C-+70°C Operating Humidity <95% (no condensation)	Minimum Illumination	OLux (IR on), 0.05Lux (IR off)
Day/Night Mode ICR IR Filter White Balance Auto tracking of white balance Standard PAL/NATSC Scanning System Progressive Scan Synchronization System Internal Synchronization Video Video Output Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment Working Temperature -40°C-+70°C Operating Humidity <95% (no condensation)		
White Balance Auto tracking of white balance Standard PAL/NATSC Scanning System Progressive Scan Synchronization System Internal Synchronization Video Video Output Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment Vorking Temperature Operating Humidity <95% (no condensation)		
Standard PAL/NATSC Scanning System Progressive Scan Synchronization System Internal Synchronization Video 1.0Vp-p Composite Video output, 75Ω, 4PIN aviation cable Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment Vorking Temperature -40°C-+70°C Operating Humidity <95% (no condensation)		
Scanning System Progressive Scan Synchronization System Internal Synchronization Video 1.0Vp-p Composite Video output, 75Ω, 4PIN aviation cable Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment -40°C-+70°C Operating Humidity <95% (no condensation)		
Synchronization System Internal Synchronization Video 1.0Vp-p Composite Video output, 75Ω, 4PIN aviation cable Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment -40°C-+70°C Operating Humidity <95% (no condensation)		
Video Video Output 1.0 Vp-p Composite Video output, $75Ω$, 4PIN aviation cable Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment Working Temperature -40 °C- $+70$ °C Operating Humidity <95% (no condensation)		· ·
Video Output 1.0Vp-p Composite Video output, 75Ω, 4PIN aviation cable Auto Gain Supported 3D Noise Reduction Supported Digital WDR Supported Environment Vorking Temperature -40°C+70°C Operating Humidity <95% (no condensation)		Internal Synchronization
Auto Gain Supported Supported Digital WDR Supported Environment Working Temperature Operating Humidity Supported	Video	
3D Noise Reduction Digital WDR Supported Environment Working Temperature -40°C+70°C Operating Humidity <95% (no condensation)	Video Output	1.0Vp-p Composite Video output, 75Ω, 4PIN aviation cable
Digital WDR Supported Environment Working Temperature -40°C+70°C Operating Humidity <95% (no condensation)	Auto Gain	Supported
Environment Working Temperature -40°C+70°C Operating Humidity <95% (no condensation)	3D Noise Reduction	Supported
Working Temperature -40°C-+70°C Operating Humidity <95% (no condensation)	Digital WDR	Supported
Operating Humidity <95% (no condensation)	Environment	
	Working Temperature	-40°C+70°C
	Operating Humidity	<95% (no condensation)

