

9002 Series Exterior IP/Analog Camera

Vandal resistant true day/night camera for mobile video surveillance



OVERVIEW

With an IP68/IK10 rating and built-in heater, the MobileView® External Analog/IP Camera is ideally suited for exterior transit vehicle applications. The camera is vandal resistant with both 12VDC and PoE power options to simplify installation in analog or IP systems. It is equipped with day/night capabilities, and responds quickly to changes in light levels, ensuring high image quality even in the most challenging transit environments. Progressive scan allows the camera to capture moving objects without distortion, while H.264 compression greatly optimizes bandwidth and storage without compromising image quality.

STANDARD FEATURES

- 2.0MP resolution
- H.264 compression technology with tri-streaming capability accommodates multiple settings
- True day/night functionality and infrared illuminators for capturing images in various lighting scenarios
- Edge Recording with 32GB Micro SD card in camera
- Tilt/pan/rotate
- Flexible power options to simplify installation with PoE or 12VDC
- Low-profile, rugged design
- IP68 and IK10 rating

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Specifications

Camera	
Sensor	2.0MP 1/3" Progressive Scan CMOS
IP Compression/Standard	H.264
Maximum Resolution	1080p
Resolution	Analog: 520+ TVL IP Alarm Stream: max 1080p @ 30fps IP Primary Stream: max 720p @ 15fps IP Alternate Stream: max 4CIF @ 15fps
Frame Rate	50Hz: 25fps (1920 x 1080), 60Hz: 30fps (1920 x 1080)
S/N Ratio	50dB
Electronic Shutter	50Hz: 1/25s~1/100,000s, 60Hz: 1/30s~1/100,000s
Certification	FCC, RoHS
Lighting Performance	
Wide Dynamic Range	120dB
Digital Noise Reduction	3D
Day/Night	IR cut filter with auto switch
White Balance	Yes, Auto 200K to 10,000K
Active Gain Control	Yes, Auto
Motorized IR Cut Filter	Yes
Color Sensitivity	0.01 Lux @ 70 IRE (f1.2, AGC On)
B/W Sensitivity	0 Lux @ 70 IRE (f1.2, AGC On)
IR Range	15m (49 ft), Smart IR to eliminate over exposure
Housing	
Camera Type	Exterior Wedge Camera
Ratings	IP68 & IK10
Outdoor	Yes
Vandal Resistant	Yes

Lens	
Control Type	Fixed
Focal Length	2.8, 4.0mm
Auto Iris	Yes
Varifocal	No
Power	
Voltage Input & Power Consumption	12V Power Source: 4.5W, maximum PoE Power Source: 6W, maximum
PoE	802.3af
Network	
Bit Rate	64 Kbps~6Mbps
Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, 802.1x, Qos, IPv6
Interoperability	ONVIF (Profile S), PSIA, CGI
Other	
Special Feature	'Tilt' adjustment: 0 to 30 degrees from horizontal 'Pan' adjustment: 4mm: +/- 15 degrees 2.8mm: +/- 9 degrees Built-in Heater
Mechanical/Environmental	
Weight	1.9 lbs
Operating Temperature	-30°C to +65°C (-22°F to 149°F)

Ordering Information

MVC-9002-28-WI	Exterior Camera, 2MP, IP/Analog, True D/N, IR, 2.8mm lens, DC 12V 0.5A/PoE 0.2A, 32GB, White
MVC-9002-40-WI	Exterior Camera, 2MP, IP/Analog, True D/N, IR, 4.0mm lens, DC 12V 0.5A/PoE 0.2A, 32GB, White
MVC-9002-28-WI-G	Exterior Camera, 2MP, IP/Analog, True D/N, IR, 2.8mm lens, DC 12V 0.5A/PoE 0.2A, 32GB, White, Glass Bubble
MVC-9002-40-WI-G	Exterior Camera, 2MP, IP/Analog, True D/N, IR, 4.0mm lens, DC 12V 0.5A/PoE 0.2A, 32GB, White, Glass Bubble
MVC-9002-28-WI-G-2	Exterior Camera, 2MP, IP/Analog, True D/N, IR, 2.8mm lens, DC 12V 0.5A/PoE 0.2A, 32GB, White, Glass, Hood 2.5
MVC-9002-40-WI-G-2	Exterior Camera, 2MP, IP/Analog, True D/N, IR, 2.8mm lens, DC 12V 0.5A/PoE 0.2A, 32GB, White, Glass, Hood 2.5

Dimensional Diagrams

