

C5W1PD Series

High Definition Exterior IP/Analog Camera

Impact resistant true day/night camera for mobile video surveillance.

The C5W1PD Series IP/Analog Exterior Wedge Cameras are designed to withstand some of the toughest environments. Up to 5 MP of resolution ensures reliable capture of activities outside of the vehicle. A simultaneous SDA (Standard Definition Analog) video output allows the camera to be easily connected to a Driver Assist Monitor, which can be used as an aid when maneuvering the vehicle.



Works with Recorders DH4v2*, DH6*, DH8*, TH8**, NH16K, NH16v1, NH16v2

48V DC PoE Injector Required

*(PN DH-POEKIT48-A)

** (PN TH8POEKIT48)

Key Features



Up to 5 MP resolution



True day/night functionality and infrared illuminators for capturing images in various lighting scenarios



Low-profile, rugged design



Tilt/pan/rotate gimbal adjustment



Simplify the installation with PoE



IP68, IP69 and IK10 ratings



Advanced video compression technologies with tri-streaming capability accommodates multiple settings



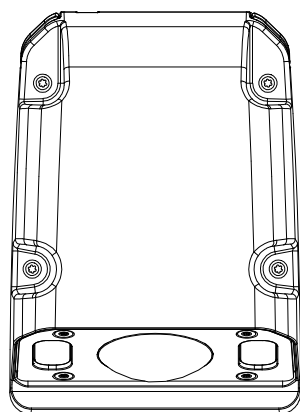
Dedicated SDA (Standard Definition Analog) video output for live viewing on a driver-assist or public display monitor



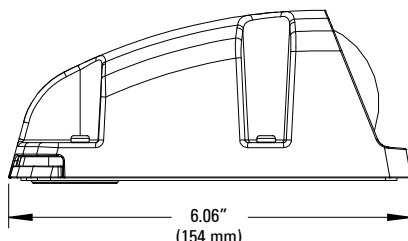
Heater to help maintain the operating temperature range

C5W1PD Series

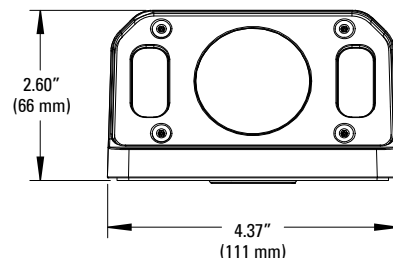
High Definition Exterior IP/Analog Camera



TOP



LEFT



FRONT

Camera	
Sensor	5Mpx 1/2.8" All-pixel Scan CMOS
IP Compression/Standard	H.265/H.264/MJPEG
Maximum Resolution	5MP (2592x1944)
Resolution	IP: 2560x1920, 2048x1536, 1920x1080, 1280x960, 1280x720, 640x480, 640x360, 320x240 Analog: 500 TVL
Frame Rate	1 FPS ~ 30 FPS
S/N Ratio	>45dB (Low ISO)
Electronic Shutter	1/30 to ≤ 1/30,000
Regulatory	FMVSS302, FCC, CE, RoHS, Prop 65, NDAA
Lighting Performance	
Wide Dynamic Range	HDR ≥ 100dB
Digital Noise Reduction	3D
Day/Night	Electro-mechanical IR cut filter with auto switch
White Balance	Yes, Auto (ATW 2000K ~ 10000K)
Active Gain Control	Yes, Auto
Color Sensitivity	2.9mm lens: 0.08 lux at 50 IRE (F2.0, AGC ON) 3.9mm lens: 0.08 lux at 50 IRE (F1.6, AGC ON)
B/W Sensitivity	0 Lux (IR on)
IR Range	Up to 15m, Smart IR
Housing	
Camera Type	Exterior Wedge Camera
Ratings	IP68, IP69K & IK10
Outdoor	Yes
Vandal Resistant	Yes
Lens	
Type	Fixed Focal Length
Focal Length	2.9mm; 3.9mm
Power	
Power Consumption	9W total (max), 2.5W reserved for heater
PoE Standard	PoE (802.3af Class 0)
External Power Supply	12V DC

Network	
Bitrate Control	CBR (H.264: 512~32768kbps, H.265: 512~32768kbps) CVBR, VBR, MJPEG
Network Protocols	IPv4: HTTP/HTTPS; SSL/TLS; DNS client; NTP client; TCP; UDP; IGMP; ICMP; DHCP; ARP; RTSP/RTP/RTCP; Multicast; encrypted RTSP/RTP/ RTCP (RTSPS/SRTP); IEEE802.1X(EAP-TLS, EAP-TTLS, PEAP); WS, Discovery; mDNS; FTP Client; SNMP v2c/v3/Trap
ONVIF Compliance	Profile S and T
Mechanical/Environmental	
Weight	1.99 lbs (902g)
Operating Temperature	-40°C to +65°C (-40°F to 149°F)
Storage Temperature	-40°C to +70°C (-40°F to +158°F)
Adjustability	3-axis gimbal
Ordering Information (Standard Models)	
C5W1PD104E	IP/Analog Camera, Exterior, Wedge, 2.9mm Lens, Polycarbonate Bubble, RJ45 PoE or 12V DC, 5MP, Day/Night with IR
C5W1PD078E	IP/Analog Camera, Exterior, Wedge, 3.9mm Lens, Polycarbonate Bubble, RJ45 PoE or 12V DC, 5MP, Day/Night with IR
C3WNBG-C5WNBG-ADPTPLT-1	Adapter Plate Kit for C3W9PD Series Camera (or MVC900X Series Camera) with No Brush Guard to C5W1PD Series Camera with No Brush Guard

Available Lenses				
Code	Size (mm)	F-stop	Viewing Angle (v)	Viewing Angle (h)
104	2.9	F2.0	74° (4:3), 56.8° (16:9)	104° (4:3 & 16:9)
078	3.9	F2.0	56° (4:3), 42.7° (16:9)	78° (4:3 & 16:9)

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