

AMX-5V181E-IR-ZE/735

8MP WDR IR Bullet Network Camera



With upgraded H.265 encoding technology, the **WEC IMAXCAMPRO** series brings high efficient video compression capability. It can save bandwidth and storage. Meanwhile, the series features starlight, smart IR technology and intelligent image analysis techniques. This series supports reminder function, meanwhile fully protected from dust and water, certified to IP67 and vandal resistant to IK10 standard.



MODEL(S) AVAILABLE

KEY FEATURES

- ▶ 1/2.5" 8 Megapixel progressive scan CMOS
- ▶ H.265 & H.264 dual-stream encoding
- ▶ 4K (3840×2160) @ 15 fps, 3M (2304×1296) @ 25/30 fps
- ▶ Day/Night (ICR), 3DNR, AWB, AGC, BLC
- ▶ Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS
- ▶ 7 ~ 35mm 5× zoom lens
- ▶ 2/1 Alarm in/out, 1/1 audio in/out
- ▶ Max. IR LEDs distance 328 ft (100 m)
- ▶ Micro SD memory, IP67, IK10, PoE

Product Specifications

Camera	
Image Sensor	1/2.5" 8MP progressive scan CMOS
Image Resolution	3840 (H) × 2160 (V)
ROM	32 MB
RAM	512 MB
Electronic Shutter	Auto/Manual 1/3 s ~ 1/100,000 s
Minimum Illumination	0.05 Lux @ F1.4 (Color, 1/3 s, 30 IRE) 0.2 Lux @ F1.4 (Color, 1/30 s, 30 IRE) 0 Lux @ F1.4 (IR on)
S/N Ratio	> 50 dB
IR LEDs	4
IR Distance	328 ft (100 m)
Illuminator On/Off Control	Auto / Manual
Lens Type	Motorized / Auto Iris (HALL)
Focal Length	7 ~ 35 mm
Angle of View	Horizontal: 38° ~ 14°
	Vertical: 22° ~ 8°
	Diagonal: N/A
Max. Aperture	F1.3
Close Focus Distance	1.97 ft (0.6 m)
Pan / Tilt / Rotation	Pan: 0°~360° / Tilt: 0°~90° / Rotation: 0°~360°
Optical Zoom	5×

Intelligence	
IVS	Tripwire, Intrusion, Object Abandoned / Missing
Advanced Intelligent Functions	Face Detection

Video Standard	
Video Compression	H.265+ / H.265 / H.264+ / H.264
Smart Codec	N/A
Video Frame Rate	Main stream: 4K @ 15 fps / 3MP @ 25/30 fps
	Sub stream 1: D1 @ 25/30 fps
	Sub stream 2: 720P @ 25/30 fps
Streaming Capability	3 Streams
Video Resolution	4K (3840×2160) / 6M (3072×2048) / 5M (3072×1728) / 5M (2592×1944) / 4M (2688×1520) / 3M (2048×1536) / 3M (2304×1296) / 1080P (1920×1080) / 1.3M (1280×960) / 720P (1280×720) / D1 (704×576/704×480) / VGA (640×480) / CIF (352×288/352×240)
Bit Rate Control	CBR; VBR
Video Bitrate	H264: 24 Kbps ~ 10240 Kbps H265: 14 Kbps ~ 9984 Kbps
Day / Night	Auto (ICR) ; Color; B/W
BLC Mode	Yes
HLC Mode	Yes
Wide Dynamic Range	120 dB true WDR
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual
Gain Control	Auto / Manual
Digital Noise Reduction	3D DNR
Motion Detection	On / Off (4 areas, rectangular)
Region of Interest	4

Electronic Image Stabilization	N/A
Smart Illumination	Yes
Defog	N/A
Digital Zoom	16×
Exposure Mode	N/A
Mirror	Yes
Privacy Masking	Yes
Image Rotation	0°/ 90°/ 180°/ 270°
Motion Detection	N/A

Network & Interface	
Ethernet	RJ-45 (10/100 Base-T)
Network Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP
Network Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Network Max. Users	20
Storage	NAS; Micro SD Card Slot (support max. 128 GB)
Web Viewer	IE / Chrome / Firefox / Safari
Management Software	Smart PSS/ DSS / Easy4ip
Mobile	iOS / Android
BNC	N/A
Audio I/O	1/1
Alarm I/O	2/1
Audio Compression	G.711a / G.711Mu / AAC / G.726
RS485	N/A
Built-in Mic	N/A

General	
Power Supply	12 V DC / PoE (802.3af)(class 0)
Power Consumption	< 12.95 W
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F) / ≤ 95% RH
Storage Temperature	-30°C ~ 60°C (-22°F ~ 140°F) / ≤ 95% RH
Protection	IP67, IK10
Casing	Metal
Dimensions (L × W × H)	273.2 mm × 95.0 mm × 95.0 mm (10.76" × 3.74" × 3.74")
Net Weight	1110 g (2.44 lb)
Gross Weight	1510 g (3.33 lb)
Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B

Product Specifications

Product Accessories



PFA121



PFA152-E

Product Dimensions (mm [inch])

