

AMX-3IV141T-IR-ZAS

4MP Lite AI IR Vari-Focal Bullet Network Camera



With advanced deep learning algorithm, **WEC** Lite AI series network camera supports some intelligent functions, such as perimeter protection and smart motion detection. It adopts starlight solution, which makes a better image effect in low illuminance.



MODEL(S) AVAILABLE

KEY FEATURES

- ▶ 4MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- ▶ Outputs max. 4MP (2688 × 1520) @ 30 fps
- ▶ H.265 codec, high compression rate, low bit rate
- ▶ Built-in IR LED, max. IR distance: 197 ft (60 m)
- ▶ ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments
- ▶ Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- ▶ Intelligent detection: Intrusion, Tripwire
- ▶ Alarm: In, out; Audio: In, out
- ▶ Supports max. 256 GB Micro SD card
- ▶ 12 V DC/POE power support
- ▶ IP67, IK10 (Optional) protection
- ▶ SMD

Product Specifications

Camera	
Image Sensor	1/1.2.7" 4MP Progressive CMOS
Image Resolution	2688 (H) × 1520 (V)
ROM	128 MB
RAM	512 MB
Electronic Shutter	Auto/Manual 1/3 s ~ 1/100,000 s
Minimum Illumination	0.005 Lux @ F1.5
S/N Ratio	N/A
IR LEDs	4
IR Distance	197 ft (60 m)
IR On/Off Control	Auto / Manual
Lens Type	Motorized vari-focal
Focal Length	2.7 ~ 13.5 mm
Angle of View	Horizontal: 104° ~ 27°
	Vertical: 55° ~ 15°
	Diagonal: 124° ~ 31°
Max. Aperture	F1.5
Close Focus Distance	2.6 ft (0.8 m)
Pan / Tilt / Rotation	N/A

Intelligent	
Perimeter Protection	Tripwire; Intrusion (Recognition of human and vehicle)
Intelligent Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos

Video Standard	
Video Compression	H.265 / H.264 / H.264H / H.264B / MJPEG
Smart Codec	Smart H.265 / Smart H.264
Video Frame Rate	Main stream: 2688 × 1520 @ 1~25/30 fps
	Sub stream: 704 × 576 @ 1~25/30 fps
	Third stream: 1280 × 720 @ 1~25/30 fps
Streaming Capability	3 Streams
Video Resolution	4M (2688 × 1520); 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: 3 Kbps ~ 8192 Kbps H265: 3 Kbps ~ 8192 Kbps
Day / Night	Auto (ICR)
BLC Mode	Yes
HLC Mode	N/A
Wide Dynamic Range	120 dB true WDR
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom
Gain Control	Auto / Manual
Digital Noise Reduction	3D DNR
Motion Detection	On / Off (4 areas, rectangular)
Region of Interest (ROI)	4
Smart Illumination	Yes
Mirror	Yes

Privacy Masking	Yes (4 areas)
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1560 resolution and lower)

Network & Interface	
Ethernet	RJ-45 (10/100 Base-T)
SDK and API	N/A
Network Protocol	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; SNMP; QoS; UPnP; NTP
Network Interoperability	ONVIF (Profile S/Profile G); CGI; P2P
Scene Self-adaptation	Yes
Streaming Method	N/A
Network Max. Users	20 (Total bandwidth: 64 M)
Storage	FTP; Micro SD Card Slot (support max. 256 GB)
Web Viewer	IE / Chrome / Firefox
Management Software	NVR / DSS / DMSS / IVSS
Mobile	iOS / Android
BNC	N/A
Audio I/O	1/1, RCA port
Alarm I/O	1/1
Audio Compression	G.711a; G.711Mu; G726; AAC
RS485	N/A
Built-in MIC	N/A

General	
Power Supply	12 V DC / PoE
Power Consumption	< 9.8 W
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F) / ≤ 95% RH
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Protection	IP67
Casing	Metal
Dimensions (L × W × H)	244.1 mm × 79.0 mm × 75.9 mm (9.6" × 3.1" × 3.0")
Net Weight	820 g (1.8 lb)
Gross Weight	1090 g (2.4 lb)
Certifications	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07

Product Specifications

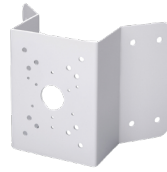
Product Accessories



PFA122



PFA152-E



PFA151

Product Dimensions (mm [inch])

