

## AMX- 3V241E-IR/28-W-S2

4MP IR Dome Wi-Fi Camera



With features of simple installation, easy operation, and high performance-cost ratio, this series network camera is applicable to small and medium-sized scenes, such as homes/residences, small-sized retail stores, and other small and medium-sized enterprises.



### MODEL(S) AVAILABLE

### KEY FEATURES

- ▶ 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- ▶ Outputs max. 4MP (2560 × 1440) @ 20 fps
- ▶ H.265 codec, high compression rate, ultra-low bit rate
- ▶ Max. IR distance: 98 ft (30 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
- ▶ Supports 256 GB Micro SD card
- ▶ 12 V DC power supply, easy for installation
- ▶ IP67, IK10 protection
- ▶ Supports Wi-Fi

## Product Specifications

Camera	
Image Sensor	1/1.3" 4MP Progressive CMOS
Image Resolution	2560 (H) × 1440 (V)
Electronic Shutter	Auto/Manual 1/3 s ~ 1/100,000 s
Minimum Illumination	Manual 1/30 s 0.8872 Lux @ F2.0 (Color, 80 IRE); 1.0275 Lux @ F2.0 (W/B, 80 IRE); 0 Lux (IR on)
	Manual 1/3 s 0.0936 Lux @ F2.0 (Color, 80 IRE); 0.1543 Lux @ F2.0 (W/B, 80 IRE); 0 Lux (IR on)
S/N Ratio	> 51.025 dB
IR LEDs	18 (IR LED)
IR Distance	98 ft (30 m)
Lens Type	Fixed-focal
Focal Length	2.8 mm
Angle of View	Horizontal: 97°
	Vertical: 52°
	Vertical: 116°
Max. Aperture	F2.0
Close Focus Distance	2.6 ft (0.8 m)
Pan / Tilt / Rotation	Pan: 0°~360° / Tilt: 0°~90° / Rotation: 0°~355°

Video Standard	
Video Compression	H.265 / H.264 / H.264H / H.264B / MJPEG
Smart Codec	Smart H.265+ / Smart H.264+
Video Frame Rate	<b>Main stream:</b> 2560×1440 @ 20 fps / 2304×1296 @ 25/30 fps
	<b>Sub stream:</b> 640×480 @ 25/30 fps
Streaming Capability	2 Streams
Video Resolution	4M (2560 × 1440); 2M (2304 × 1296); 1080P (1920 × 1080); 1.3M (1280 × 960); 720P (1280 × 720); VGA (640 × 480); QVGA (320 × 240)
Bit Rate Control	CBR; VBR
Video Bitrate	H264: 24 Kbps ~ 8192 Kbps H265: 9 Kbps ~ 7424 Kbps
Day / Night	Auto (ICR) ; Color; B/W
BLC Mode	Yes
HLC Mode	Yes
Wide Dynamic Range	DWDR
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	4
Smart Illumination	Yes
Defog	N/A
Exposure Mode	N/A
Mirror	Yes
Privacy Masking	Yes
Image Rotation	0°/90°/180°/270° (Support 90°/270° with all resolution)

Network & Interface	
Ethernet	RJ-45 (10/100 Base-T)
Wi-Fi	Yes
SDK and API	Yes
Network Protocol	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; IPv4/v6; QoS; NTP
Network Interoperability	ONVIF (Profile S/Profile T); CGI; P2P; Milestone
Streaming Method	N/A
Network Max. Users	20 (Total bandwidth: 40 M)
Storage	FTP; SFTP; NAS Micro SD Card Slot (support max. 256 GB)
Web Viewer	IE / Chrome / Firefox
Management Software	DMSS
Mobile	iOS / Android
BNC	N/A
Audio I/O	N/A
Alarm I/O	N/A
Audio Compression	G.711a; G.711Mu; PCM; G.726
RS485	N/A
Built-in Mic	N/A

Alarm	
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; voltage detection; motion detection; video tampering

Video Intelligent	
IVS (Perimeter Protection)	Intrusion, tripwire (the two functions support the classification and accurate detection of vehicle and human)
Smart Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos

General	
Power Supply	12 V DC / PoE (802.3af)
Power Consumption	< 4.9 W (IR full intensity)
Operating Temperature	-40°C ~ 50°C (-40°F ~ 122°F) / ≤ 95% RH
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Protection	IP67, IK10
Casing	Metal
Dimensions (L × W × H)	146.2 mm × 110.7 mm × 90.6 mm (5.8" × 4.4" × 3.6")
Net Weight	408 g (0.9 lb)
Gross Weight	729 g (1.6 lb)
Certifications	CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU CE-RED: Radio Equipment Directive 2014/53/EU FCC: 47 CFR FCC Part 15, Subpart B FCC ID: FCC PART 15C

## Product Specifications

### Product Accessories



PFA136



PFB203W



PFA152-E

### Product Dimensions ( mm [inch] )

