

AMX-42T212H

2MP 12× Starlight PTZ Network Camera



Featuring powerful optical zoom and accurate pan/tilt/zoom performance, this camera can provide a wide monitoring range and great detail. The camera delivers 1080P resolution at 25/30 fps. The camera is equipped with smooth control, high quality image, and good protection, meeting compact size demands of video surveillance applications.



MODEL(S) AVAILABLE

KEY FEATURES

- ▶ 1/2.8" 2MP STARVIS™ CMOS
- ▶ Powerful 12× optical zoom
- ▶ Starlight
- ▶ 120 dB true WDR
- ▶ Max. 1080P @ 25/30 fps
- ▶ Support Triple-streams encoding
- ▶ IVS
- ▶ Support PoE+
- ▶ IP67, IK10 protection

Product Specifications

Camera	
Image Sensor	1/2.8" 2MP progressive scan STARVIS™ CMOS
Image Resolution	1920 (H) × 1080 (V)
ROM	128M
RAM	1024M
Electronic Shutter	1/1 s ~ 1/30,000 s
Minimum Illumination	0.005 Lux @ F1.6 (Color) 0.0005 Lux @ F1.6 (B/W)
S/N Ratio	> 55 dB
IR LEDs	N/A
IR Distance	N/A
Illuminator On/Off Control	N/A
Lens Type	Motorized
Focal Length	5.3 ~ 64 mm
Angle of View	Horizontal: 58.2° ~ 4.8° Vertical: N/A Diagonal: N/A
Max. Aperture	F1.6 ~ F4.4
Close Focus Distance	0.33 ~ 3.28 ft (100 mm ~ 1000 mm)

PTZ	
Pan / Tilt Range	Pan: 0°~360° endless / Tilt: -2°~90° auto flip 180°
Manual Control Speed	Pan: 0.1°~300° / s; Tilt: 0.1°~120° / s
Preset Speed	Pan: 300° / s; Tilt: 200° / s
Presets	300
PTZ Mode	5 Patern, 8 Tour, Auto Pan, 5 Auto Scan
Speed Setup	Human-oriented focal Length / speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/Scan/Tour/Pattern if there is no command in the specified period
Protocol	DH-SD

Intelligence	
IVS	Tripwire, Intrusion, Abandon/Missing Object, Face Detection
Auto Tracking	N/A

Video Standard	
Video Compression	H.265+/H.265/H.264+/H.264
Smart Codec	N/A
Video Frame Rate	Main stream: 1080P/720P @ 25/30 fps, Sub stream 1: D1/CIF @ 25/30 fps Sub stream 2: 720P/D1/CIF @ 25/30 fps
Streaming Capability	3 Streams
Resolution	1080P (1920×1080) / 720P (1280×720) / D1 (704×576/704×480) / CIF(352×288/352×240)
Bit Rate Control	CBR; VBR
Video Bitrate	H264/H.265: 448 Kbps ~ 8192 Kbps
Day / Night	Auto (ICR) ; Color; B/W
BLC Mode	Yes

HLC Mode	Yes
Wide Dynamic Range	120 dB true WDR
White Balance	Auto / ATW / Indoor / Outdoor / Manual
Gain Control	Auto / Manual
Digital Noise Reduction	Ultra DNR (2D/3D)
Motion Detection	Yes
Region of Interest	Yes
Electronic Image Stabilization	N/A
Smart Illumination	N/A
Defog	Yes
Privacy Masking	Yes (Up to 24 areas)
Digital Zoom	16×
Flip	180°

Network & Interface	
Ethernet	RJ-45 (10/100 Base-T)
Network Protocol	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IPFilter, QoS, Bonjour, 802.1x
Network Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Network Max. Users	20
Storage	Micro SD Card Slot (support max. 128 GB); NAS
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS / DSS
Mobile	iOS / Android
Audio I/O	1/1
Alarm I/O	2/1
Audio Compression	G.711a/G.711Mu/G.726/AAC
RS485	N/A
Built-in Mic	N/A
Built-in Speaker	N/A

General	
Power Supply	24 V AC / 1.5 A (±10%), PoE+ (802.3at)
Power Consumption	< 12 W
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F) / ≤ 95% RH
Protection	IP66, IK10
Casing	Metal
Dimensions	155 mm × ø 170 mm (6.10" × ø 6.69")
Net Weight	1800 g (3.97 lb)
Gross Weight	3300 g (7.28 lb)
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB, ANSI C63.4-2014 UL: UL60950-1+CAN/CSA C22.2, No.60950-1

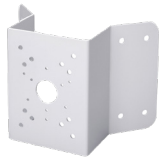
Product Accessories



PFA102



PFA150



PFA151



PFB302S



PFB300C



PFA111

Product Dimensions (mm [inch])

