

IP4M-1063EW-AI

Amcrest 4MP UltraHD PoE+ Smart AI Speed Dome PTZ Camera

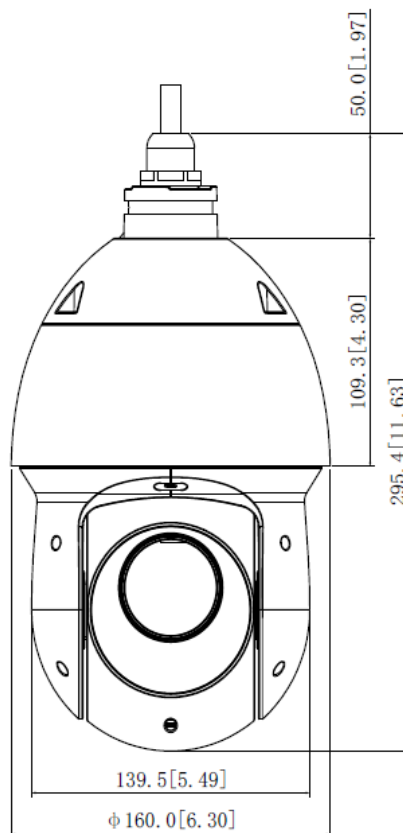
Technical Specifications

Model	IP4M-1063EW-AI / IP4M-1063EB-AI			
Camera				
Image Sensor	1/2.8" STARVIS™ CMOS			
Effective Pixels	4MP (2560 (H) × 1440 (V))			
RAM	4GB			
ROM	1GB			
Electronic Shutter Speed	1/1 s–1/30,000 s			
Scanning System	Progressive			
Minimum Illumination	Color: 0.005Lux@F1.6B/W: 0.0005Lux@F1.60Lux@F1.6 (IR light on)			
Wide Dynamic Range	120 dB			
Illumination Distance	328.08 ft (100m)			
Illuminator On/Off Control	Zoom Prio/Manual/SmartIR			
Illuminator LEDs	4			
Lens				
Focal Length	4.8mm – 120mm			
Max. Aperture	F1.6–F4.0			
Field of View	H: 60.0°–2.5°; V: 30.8°–2.2°; D: 66.7°–2.9°			
Optical Zoom	25x			
Focus Control	Auto/Semi-Auto/Manual			
Close Focus Distance	0.33ft – 4.92ft (0.1m – 1.5m)			
Iris Control	Auto/Manual			
DORI Distance	Detect	Observe	Recognize	Identity
	83333.33ft (2540m)	3333.33ft (1016m)	1666.67ft (508m)	833.33ft (254m)
PTZ				
Pan/Tilt Range	Pan: 0°–360° (endless)Tilt: -15°–90° (auto flip 180°)			
Manual Control Speed	Pan: 0.1°–200°/s Tilt: 0.1°–120°/s			
Preset Speed	Pan: 240°/s Tilt: 200°/s			
Presets	300			
Tour	8 (up to 32 presets per tour)			
Pattern	5			
Scan	5			
Speed Adjustment	Support			
Power-off Memory	Support			
Idle Motion	Preset/Tour/Pattern/Scanning			
Protocol	DH-SDPelco-P/D (auto recognition)			
General Intelligence				

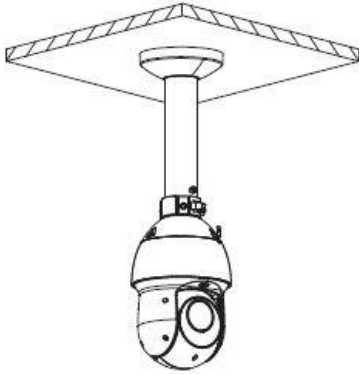
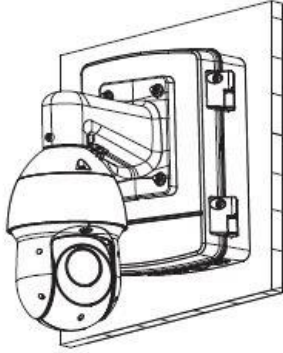
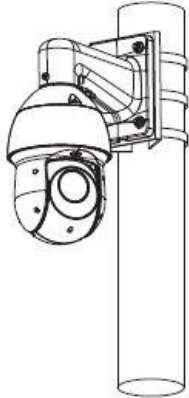
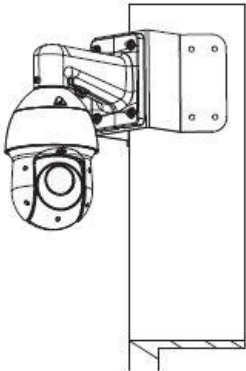
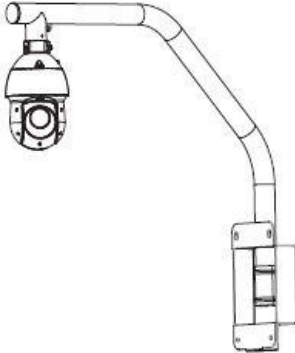
Event Trigger	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly
IVS	Object Abandoned/Missing
Artificial Intelligence	
Perimeter Protection	Tripwire and intrusion. Support alarm triggering by target types (human and vehicle). Support filtering false alarms caused by animals, rustling leaves, bright lights, etc.
Smart Motion Detection	Supported
Face Detection	Supported
Smart Capture	Support human, motor vehicle and non-motor vehicle image capture.
Video	
Compression	H.265 / H.264
Streaming Capability	3 Streams
Resolution	4M (2560 x 1440); 3M (2048 x 1536); 1080P (1920 x 1080); 1.3M (1280 x 960); 720P (1280 x 720); D1 (704 x 576/704 x 480); CIF (352 x 288/352 x 240)
Frame Rate	Main stream: 4MP/3MP/1080P/1.3MP/720P (1–25fps) Sub stream 1: D1/CIF (1–25fps) Sub stream 2: 1080P/1.3M/720P (1–25fps)
Bit Rate Control	Variable/Constant
Bit Rate	H.265/H.264: 3 kbps–20480 kbps
Day/Night	Auto (ICR)/Color/B/W
BLC	Supported
WDR	120dB
HLC	Support
White Balance	Auto/Indoor/Outdoor/Track/Manual/Sodium lamp/Natural light/Street lamp
Gain Control	Auto/Manual
Noise Reduction	Ultra DNR (2D/3D)
Motion Detection	Support
Region of Interest	Support
Image Stability	Electronic
Defog	Electronic
Digital Zoom	16x
Flip	180°
Privacy Masking	Up to 24 areas, and up to 8 areas in the same view
Audio	
Compression	G.711a; G.711Mu; AAC; G.722.1; G.726; MPEG2-Layer2; G.729
Audio I/O	RCA, bare wire connection (Mono)
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4; IPv6; HTTP; HTTPS; SSL; TCP/IP; UDP; UPnP; ICMP; IGMP; SNMPv1/v2c/v3(MIB-2); ARP; RTCP; RTSP; RTP; SMTP; NTP; DHCP; DNS; PPPOE; DDNS; FTP; IP Filter
Interoperability	ONVIF Profile S&G&T; CGI
Streaming Method	Unicast/Multicast

User/Host	19
Storage	NAS; Local PC; Micro SD Card (Up to 256GB)
Management Software	Amcrest Surveillance Pro, Amcrest View Pro (iOS/Android), Amcrest Cloud, Amcrest Blue Iris, most mainstream web browsers including Google Chrome, Mozilla Firefox, Microsoft Edge, Safari, etc.
Mobile Phone	iOS/Android
Port	
Audio Input	1
Audio Output	1
Alarm I/O	2/1
Power	
Power Supply	DC 12V/3A, PoE+ (802.3at)
Power Consumption	13W, 21W (IR on)
Operating Temperature	-40°F to +158°F (-40°C to +70°C)
Operating Humidity	≤95%
Protection	IP66; TVS 6000V lightning proof; Surge protection
Dimensions	Φ 6.30" × 11.61" (Φ160 mm × 295 mm)
Net Weight	6.61 lbs. (3 kg)
Gross Weight	10.58 lbs. (4.8 kg)

Dimensions



Mounting

Ceiling Mount	Junction Mount	Power Box Mount
AMCPFA111 + AMCPFB300C	AMCPFB305B + AMCPFA120	AMCPFB305W + AMCPFA140
		
Pole Mount	Corner Mount	Parapet Mount
AMCPFB305W + AMCPFA150	AMCPFB305W + AMCPFA151	AMCPFA111 + AMCPFB303S
		

Wiring

