

IP5M-VT1289EW-AI

Amcrest 5MP IR Vari-focal AI PoE Turret Camera

Technical Specifications

Model	IP5M-VT1289EW-AI				
Camera					
Image Sensor	1/2.7" CMOS				
Max. Resolution	2592 (H) x 1944 (V)				
ROM	128 MB				
RAM	512 MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000s				
Minimum Illumination	0.005 lux@F1.5 (Color, 30 IRE) 0.0005 lux@F1.5(B/W, 30 IRE) 0 lux (Illuminator on)				
S/N Ratio	>56dB				
IR Distance	131.23ft				
IR On/Off Control	Auto/Manual				
LEDs	2 IR LEDs				
Rotation Range	Pan: 0°-360°, Tilt: 0°-78°, Rotation: 0°-360° (Manual)				
Lens					
Lens Type	Motorized vari-focal				
Mount Type	Φ14				
Focal Length	2.7mm – 13.5mm				
Max. Aperture	F1.5				
Angle of View	H: 100°–30°V: 72° –23° D: 134° –38°				
Iris Type	Fixed				
Optical Zoom	5x				
Close Focus Distance	2.62ft				
Dori Distance	Lens	Detect	Observe	Recognize	Identify
	W	211.29ft	84.65ft	42.32ft	21.00ft
	T	726.37ft	290.68ft	145.34ft	72.51ft
	Note: The DORI distance calculated based on sensor specification and lab test result 62676-4 which defines the criteria for Detect, Observe, Recognize, and Identify.				
Video					
Video Compression	H.265, H.264				
Video Frame Rate	Main stream: 2592 × 1944@(1–20 fps)/2688 × 1520@(1–25/30 fps) sub stream: 704 × 576@(1–25 fps)/704 × 480@(1–30 fps)				
Stream Capability	2 Streams				

Resolution	5M (2592 × 1944); 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 Bit Rate	H.264: 3 kbps – 8192 kbps, H.265: 3 kbps – 8192 kbps
Day/Night	Auto(ICR)/Color/B/W
BLC	Supported
HLC	Supported
Wide Dynamic Range (WDR)	120 dB
Scene Self-Adaption (SSA)	Supported
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off/On (4 areas, rectangular)
Smart Motion Detection	Human/Vehicle
IVS	Tripwire/Intrusion
Region of Interest (ROI)	Supported (4 areas)
Smart Illumination	Supported
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 1080p resolution and lower.)
Mirror	Supported
Privacy Masking	Up to 4 Areas
Audio	
Audio	Built-in Mic
Compression	G.711a; G.711Mu; PCM; G.726 (Only - ZAS supports)
Network	
Ethernet	RJ-45 (10/100 Base-T)
Protocol	IPv4, IPv6, HTTP, TCP, UDP, RTSP, TCP, RTMP, SMTP, FTP, DHCP, DDNS, UPnP, NTP
Interoperability	CGI;P2P;Milestone; Genetec
Max. User Access	20 Users (Total Bandwidth: 64MB)
Storage	FTP, MicroSD Card (Up to 256GB), NAS
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.
General	
Power Supply	12V DC/PoE (802.3af)
Power Consumption	Basic: 3.4 W (12 VDC); 4.2 W (PoE)Max(WDR + IR intensity + Intelligence on): 5.4 W (12 VDC); 6.4 W (PoE)
Operating Conditions	-22°F to +140 °F (-30°C to +60°C)
Operating Humidity	≤95%
Storage Conditions	-40°F to 140°F (-40°C to 60°C)
Ingress Protection	IP67
Material	Metal
Mounting Brackets	Junction Boxes: AMCPFA137 Wall Mount: AMCPFB205W-E Pole Mount: AMCPFA152-E

Dimensions (L x W x H)	4.26" x Φ 4.80" (108.3 mm x Φ 122 mm)
Net Weight	1.51 lbs.

Dimensions

