

IP5M-B1276EW-AI

Amcrest 5MP UltraHD Network Security Bullet Camera

Technical Specifications

Model	IP5M-B1276EW-AI				
Camera					
Image Sensor	1 2.7" CMOS				
Effective Pixels	2960 (H) x 1668 (V)				
ROM	128 MB				
RAM	512MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual 1/3 s-1/100,000s				
Minimum Illumination	0.005 lux@F1.4 (Color, 30 IRE) 0.0005 lux@F1.4 (B/W, 30 IRE) 0 lux (Illuminator on)				
S/N Ratio	> 56dB				
IR Distance	49ft				
IR On/Off Control	Auto/Manual				
IR LEDs	1				
Pan/Tilt/Rotation Range	Pan: 0° - 360°, Tilt: 0° - 90°, Rotation: 0° - 360°				
Lens					
Lens Type	Fixed-focal				
Mount Type	M12				
Focal Length	2.8mm				
Max. Aperture	F1.4				
Field of View	110° (H), 58° (V), 129° (D)				
Iris Control	Fixed				
Close Focus Distance	3.61 ft				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	208.66ft	83.33ft	41.67ft	21ft
	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					
Compression	H.264				
Smart Codec	Supported				
Video Frame Rate	Main stream: 2880 × 1620 @ (1-20) fps / 2960 × 1668 @ (1-20) fps / 2688 × 1520 @ (1-25/30 fps) Sub stream 1: 704 × 576 @ (1-25 fps)/ 704 × 480 @ (1-30 fps) Sub stream 2: 1920 × 1080 @ (1-25/30 fps) *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity				
Stream Capability	3 Streams				
Resolution	5M (2880 × 1620/2960 × 1668); 4M (2688 × 1520); 3.6M (2560 × 1440); 3M (2048 × 1536); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960);				

	720p (1280 × 720); D1 (704 × 576/704×480); CIF (352 × 288/352 × 240); VGA (640 × 480)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 3 kbps–8192 kbps
Day/Night	Auto (ICR)/Color/B/W
BLC	Supported
HLC	Supported
WDR	120dB
Scene Self-Adaption	Supported
White Balance	Auto/natural/streetlamp/outdoor/manual/regional custom
Gain Control	Auto
Noise Reduction	3D NR
Motion Detection	Off/On (4 areas, rectangular)
Perimeter Protection	IVS (Tripwire/Intrusion)
Smart Motion Detection	Human/Vehicle Detection
Image Rotation	0°/90°/180°/270° (support 90°/270° with 2688×1520 resolution and lower)
Mirror	Supported
Privacy Masking	Up to 4 Areas
Audio	
Built-in Mic	Supported
Audio Compression	G.711a; G.711Mu; PCM; G.726; G.723
Network	
Ethernet	RJ-45 (10/100 Base-T)
SDK and API	Supported
Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; RTSP; SMTP; FTP; DHCP; DNS; DDNS; UPnP; NTP; PPPoE
Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec
User/Host	20
Edge Storage	SFTP/FTP, NAS, MicroSD 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.
General	
Power Supply	12V DC/PoE (802.3af)
Power Consumption	<6.5W (PoE)
Operating Conditions	-40°F to 140°F
Ingress Protection	IP67
Storage Conditions	-40°F to 140°F
Casing	Metal
Mounts	Junction Mount: AMCPFA130-E Pole Mount: AMCPFA152-E + AMCPFA130-E
Dimensions (L x W x H)	7.59" × 2.77" × 2.61" (192.7mm x 70.5mm x 66.4mm)
Net Weight	1.1 lbs.