

IP5M-F1180EW-V2

Amcrest 5MP AI Fisheye IR PoE Network IP Camera

Technical Specifications

Model	IP5M-F1180EW-V2			
Camera				
Image Sensor	1/2.7"5Megapixel progressive CMOS			
Effective Pixels	2592 (H) × 1944 (V)			
ROM	128 MB			
RAM	512 MB			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s			
Minimum Illumination	0.006 Lux @F2.0			
S/N Ratio	> 56 dB			
Wide Dynamic Range	120 dB			
Illuminator Distance	32.8ft (10m)			
Illuminator On/Off Control	Auto/Manual			
Illuminator Number	3 IR LEDs			
Lens				
Lens Type	Fixed-Focal			
Mount Type	M12			
Focal Length	1.4mm			
Max. Aperture	F2.0			
Field of View	Horizontal: 180° Vertical: 180° Diagonal: 180°			
Iris Type	Fixed			
Close Focus Distance	0.7ft (0.2m)			
DORI Distance	Detect	Observe	Recognize	Identity
	91.9ft (28m)	36.7ft (11.2m)	18.4ft (5.6m)	9.2ft (2.8m)
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.				
Smart Event				
Heat Map	Supported			
Intelligent Alerts				
IVS (Perimeter Protection)	Tripwire; intrusion			

People Counting	Support people counting in area, and displaying and outputting yearly/monthly/daily reports (matching devices are needed); support people counting in 4 areas
Intelligent Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos.
Video	
Video Compression	H.264
Video Frame Rate	Main stream (2592 × 1944 @1–25/30 fps) Sub stream (704 × 576 @1–25 fps/704 × 480 @1–30 fps)
Stream Capability	2 Streams
Resolution	5M (2592 × 1944); 3M (2048 × 1536); UXGA (1600 × 1200); 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
Day/Night	Color, B/W
BLC	Supported
HLC	Supported
WDR	120 dB
Scene Self-adaption	Supported
White Balance	Auto/natural/streetlamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	OFF/ON (4 areas)
Region of Interest (ROI)	Yes (4 areas)
Privacy Masking	Up to 4 Areas
Audio	
Built-in Mic	Supported
Audio Compression	PCM; G.711a; G.711Mu; G726; AAC
Ports	1 Channel (RCA Input), 1 Channel (RCA Output) (Dongle Wire)
Alarm	
Ports	1 Channel In: 5mA 3V-5V DC 1 Channel Out: 300mA 12V DC
Network	
Network	RJ-45 (10/100 Base-T)
SDK and API	Supported
Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; RTP; RTSP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; UPnP; NTP.
Interoperability	CGI; Milestone; Genetec; P2P
User/Host	20 (Total Bandwidth: 64 MB)
Storage	Amcrest Cloud, 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.
Mobile Phone	iOS, Android
General	

Power Supply	12V DC/PoE
Power Consumption	Basic power consumption: 3.6W (12V DC); 4.4W (PoE) Max. 7.3W (12V DC); 8.8W (PoE)
Operating Conditions	14°F to 122°F (-10°C to 50°C)
Storage Conditions	-40°F to 131°F (-40°C to 60°C), Less than 95% RH
Casing	Metal + Plastic
Weatherproof	IP67
Ingress Protection	IK10 vandal resistant rating
Mounting	Wall Mount: AMCPFB203, Pole Mount: AMCPFB203W + AMCPFA152-E
Dimensions	1.76" × Φ4.97" (44.6 mm × Φ126.2 mm)
Net Weight	0.7 lbs. (299 g)
Gross Weight	1.0 lbs. (441 g)

Dimensions

