

IP2M-858W

Amcrest 2MP WiFi Speed Dome PTZ Camera

Technical Specifications

Model	IP2M-858W
Camera	
Image Sensor	1/2.8" STARVIS™ CMOS
Effective Pixels	1920(H) x 1080(V), 2 Megapixels
RAM/ROM	1024M/128M
Scanning System	Progressive
Electronic Shutter Speed	1/1s~1/30,000s
Minimum Illumination	Color: 0.005Lux@F1.6; 0Lux@F1.6 (IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 100m (328ft)
IR On/Off Control	Auto/Manual
IR LEDs	6
Video	
Compression	H.265/H.264/MJPEG
Streaming Capability	3 Streams
Resolution	1080P(1920×1080)/ 720P(1280×720)/ D1(704×576/704×480)/CIF (352×288 / 352×240)
Frame Rate	Main Stream: 1080P/720P/D1(1~50/60fps) Sub Stream1: D1/CIF(1 ~ 25/30fps) Sub Stream2: 1080P/720P/D1/ CIF (1 ~ 25/30fps)
Bit Rate	H.265/H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
Bit Rate Control	CBR/VBR
Day/Night	Auto(ICR) / Color / B/W
BLC Compensation	BLC / HLC / WDR(120dB)
Auxiliary Interface	
Memory Slot	Micro SD, Max 128GB
Audio Interface	1/1 channel In/Out
Alarm	2/1 channel In/Out
Audio	
Compression	G.711a/G.711mu/AAC
Network	

Ethernet	RJ-45 (10/100Base-T)			
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP,RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x			
Max. User Access	20 users			
Wi-Fi	Wi-Fi(IEEE802.11a/b/g/n/ac) (2.4GHz)			
Edge Storage	NAS, FTP, Local PC, MicroSD Card (128GB)			
Management Software	Amcrest Surveillance Pro (Windows/MAC), Amcrest View Pro app for IOS and Android, AmcrestCloud.com Video Storage Subscription Service (Chrome, Edge, Firefox, Safari), Blue Iris Professional (Third Party) Web Browser (Pale Moon, Sea Monkey, Firefox 49.0, Internet Explorer, Chrome with Amcrest Extension, Safari 11).			
Camera Features				
White Balance	Auto, ATW, Indoor, Outdoor, Manual			
Gain Control	Auto / Manual			
Noise Reduction	Ultra DNR (2D/3D)			
Motion Detection	Support			
Region of Interest	Support			
Defog	Support			
Optical Zoom	25x			
Digital Zoom	16x			
Flip	180°			
Privacy Masking	Up to 24 areas			
Lens				
Focal Length	4.8mm~120mm			
Max. Aperture	F1.6 ~ F4.4			
Optical Zoom	25x			
Angle of View	H: 59.2° ~ 2.4°			
Focus Control	Auto/Manual			
Close Focus Distance	100mm~ 1000mm			
DORI Distance	Detect	Observe	Recognize	Identify
	1613m(5292ft)	646m(2119ft)	323m(1060ft)	161m(528ft)
	Note: The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.			
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
PTZ Mode	5 Pattern, 8 Tour, Auto Pan ,Auto Scan
General	
Power Supply	DC 12V/3A
Power Consumption	13W, 22W (IR on)
Operating Conditions	-40°C ~ 70°C (-40°F ~ +158°F) / Less than 95% RH
Ingress Protection	IP66
Casing	Metal
Dimensions	Φ160(mm) x 295(mm)
Net Weight	3kg(6.61lb)
Gross Weight	4.2kg(9.26lb)