

IP8M-2493E

8MP UltraHD IR Network Vandal Dome Camera

Technical Specifications

Model	IP8M-2493EB/IP8M-2493EW				
Camera					
Image Sensor	1/2.5" 8Megapixel progressive scan CMOS				
Effective Pixels	3840(H) x 2160(V)				
RAM/ROM	512MB/32MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000s				
Minimum Illumination	0.06Lux/F1.6(Color, 1/3s, 30IRE), 0.3Lux/F1.6(Color, 1/30s, 30IRE) 0Lux/F1.6(IR on)				
S/N Ratio	More than 50dB				
IR Distance	Distance up to 30m (98ft)				
IR On/Off Control	Auto/ Manual				
IR LEDs	18				
Video					
Compression	H.265/H.264				
Resolution	4K(3840×2160)/6M(3072×2048)/5M(2560×1920)/3M(2048x1536)/3M(2304×1296)/ 1080P(1920×1080)/1.3M(1280x960)/720P(1280×720)/ D1 (704×576/704×480) / VGA(640×480)/CIF(352×288/352×240)				
Frame Rate	<table border="1"> <tr> <td>Main Stream: 4K(1~15fps)/3M(1~25/30fps)</td> </tr> <tr> <td>Sub Stream: D1(1~25/30fps)</td> </tr> <tr> <td>Third Stream: 1080P(1~25/30fps)</td> </tr> </table>		Main Stream: 4K(1~15fps)/3M(1~25/30fps)	Sub Stream: D1(1~25/30fps)	Third Stream: 1080P(1~25/30fps)
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Sub Stream: D1(1~25/30fps)					
Third Stream: 1080P(1~25/30fps)					
Bit Rate Control	CBR/VBR				
Bit Rate	H.264: 24K ~ 10240Kbps, H.265: 14K ~ 9984Kbps				
Day/Night	Auto(ICR) / Color / B/W				
BLC Mode	BLC / HLC / WDR(120dB)				
Auxiliary Interface					
Audio Interface	1/1 channel In/Out				
Alarm	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC				
Audio					
Compression	G.711a/ G.711Mu/ AAC/ G.726				
Network					
Ethernet	RJ-45 (10/100Base-T)				

Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP				
Interoperability	ONVIF, PSIA, CGI				
Bandwidth	7Mb/s 8Mb/s @ 4K(3840×2160)				
Streaming Method	Unicast / Multicast				
Max. User Access	10 Users /20 Users				
Edge Storage	NAS, FTP, Local PC, MircoSD 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/Natural/Street Lamp/Outdoor/Manual				
Gain Control	Auto/Manual				
Noise Reduction	3D DNR				
Motion Detection	Off / On (4 Zone, Rectangle)				
Region of Interest	Off / On (4 Zone)				
Smart IR	Support				
Digital Zoom	16x				
Flip	0°/180°				
Privacy Masking	Off / On				
Lens					
Lens Type	Fixed				
Mount Type	Board-in				
Focal Length	2.8mm				
Max. Aperture	F1.6				
Angle of View	H:112° (88°), V:69° (48°)				
Focus Control	Fixed				
Close Focus Distance	0.9m(2.95ft)				
Dori Distance	Lens	Detect	Observe	Recognize	Identify
	2.8mm	69m(226ft)	28m(92ft)	14m(46ft)	7m(23ft)
<p>*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.</p>					

General	
Power Supply	DC12V, PoE (802.3af)(Class 0)
Power Consumption	<5.5W
Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Ingress Protection	IP67
Storage Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Casing	Metal
Dimensions	Φ109.9mm×81mm (4.33" × 3.19")
Net Weight	0.41kg (0.91lb)
Gross Weight	0.53 kg (1.17lb)