

IP8M-2496E-28MM

Amcrest UltraHD 4K (8MP) Outdoor Bullet POE IP Camera

Technical Specifications

Model	IP8M-2496EW-28MM / IP8M-2496EB-28MM	
Camera		
Image Sensor	1/2.5" 8Megapixel progressive scan CMOS	
Effective Pixels	3840(H)x2160(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 40m (131ft)	
IR On/Off Control	Auto/ Manual	
IR LEDs	2	
Video		
Compression	H.265 / H.264	
Streaming Capability	3 Streams	
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	Main Stream: 4K(1~15fps)/3M(1~25/30fps)	
	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)	
Network		
Ethernet	RJ-45 (10/100Base-T)	
Transmission Range	800m (2624ft) @ 10Mbps, 300m (984ft) @ 100Mbps	

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				
Streaming Method	Unicast / Multicast				
Max. User Access	10 Users /20 Users				
Edge Storage	NAS, FTP, Local PC, Micro SD 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, SeaMonkey, 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°/90°/180°/270°				
Mirror	Off / On				
Privacy Masking	Off / On (4 Area, Rectangle)				
Lens					
Lens Type	Fixed				
Mount Type	Board-in				
Focal Length	2.8mm				
Max. Aperture	F1.6				
Angle of View	H:112° V:69°				
Focus Control	Fixed				
Close Focus Distance	1.7m (5.57ft)				
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	<6.5W
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	180mm×70mm×70mm (7.09"×2.76"×2.76")
Net Weight	0.41kg (0.91lb)
Gross Weight	0.53 kg (1.17lb)