

IP8M-2796E-AI

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

Technical Specifications

Model	IP8M-2796EW-AI / IP8M-2796EB-AI
Camera	
Image Sensor	1/2.8" CMOS
Effective Pixels	3840 (H) × 2160 (V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3~1/100000
Min. Illumination	0.007 lux@F1.4 (Color, 30 IRE) 0.0007 lux@F1.4 (B/W, 30 IRE) 0 lux (Illuminator on)
S/N Ratio	>56 dB
Video Output	N/A
Camera Features	
Max. IR LEDs Length	49.2ft (15m)
Day/Night	Auto (ICR)/Color/B/W
Night Vision	IR Mode/White Light/Smart Illumination
Backlight Compensation	BLC /HLC /DWDR
White Balance	Auto; Natural; Street Lamp; Outdoor; Manual; Regional Custom
Gain Control	Auto
Noise Reduction	3D NR
Privacy Masking	4 areas
Smart Motion Detection	Human/Vehicle
IVS	Tripwire/Intrusion
Face Detection	Supported
Lens	
Focal Length	2.8mm
Max Aperture	F2.0
Focus Control	N/A
Angle of View	H: 108 * V:56 * D:129
Lens Type	Fixed lens
Mount Type	M12
Video	
Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
Resolution	8MP(3840x2160)/4K/4MP(2560×1440)/2304×1296/1080P(1920×1080)/1280×960/720P(1280×720)/VGA(640x480)

Frame Rate	Main Stream	8MP(3840x2160)/4K/4MP(2560x1440)/2304x1296/1080P(1920x1080)/1280x960/720P(1280x720)/VGA(640x480) (1 ~ 15fps)
	Sub Stream	VGA(1 ~ 15fps)
Bit Rate		H.264: 3 kbps–8192 kbps, H.265: 3 kbps–8192 kbps
Audio		
Compression		G.711a; G.711Mu; PCM; G.726; G.723
Interface		NA
Network		
Ethernet		RJ-45 (10/100Base-T)
Wi-Fi		NA
Protocol		IPv4; IPv6; HTTP;TCP; UDP; RTSP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; UPnP; NTP;
Compatibility		ONVIF , CGI
Max. User Access		20 users
Smart Phone		Android View Pro
Auxiliary Interface		
Memory Slot		Micro SD (Up to 256GB)
RS485		N/A
Alarm		N/A
PIR Sensor Range		N/A
General		
Power Supply		12V DC/PoE (802.3af)
Power Consumption		Basic: 3.8 W (12 VDC); 4.6 W (PoE) Max. (WDR + IR intensity + Intelligence): 5.9 W (12 VDC); 7.2 W (PoE)
Working Environment		–40 °C to +60 °C (–40 °F to 140 °F) /Less than 95% RH
Ingress Protection		N/A
Vandal Resistance		N/A
Dimensions		9.8" x 5.3" x 4.3"
Weight		1.5lbs