

# IP8M-2779EW-AI

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

### Technical Specifications

<b>Model</b>	<b>IP8M-2779EW / IP8M-2779EB-AI</b>														
<b>Camera</b>															
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														
<b>Camera Features</b>															
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														
<b>Lens</b>															
Focal Length	2.8mm														
Max Aperture	F1.4														
Focus Control	N/A														
Angle of View	H: 108 * V:56 * D:129														
Lens Type	Fixed lens														
Mount Type	M12														
DORI Distance	<table border="1"> <thead> <tr> <th>Lens</th> <th>Detect</th> <th>Observe</th> <th>Recognize</th> <th>Identify</th> </tr> </thead> <tbody> <tr> <td>2.8mm</td> <td>245.07ft</td> <td>98.09ft</td> <td>48.88ft</td> <td>24.60ft</td> </tr> </tbody> </table>					Lens	Detect	Observe	Recognize	Identify	2.8mm	245.07ft	98.09ft	48.88ft	24.60ft
	Lens	Detect	Observe	Recognize	Identify										
2.8mm	245.07ft	98.09ft	48.88ft	24.60ft											
<b>Note:</b> The DORI distance calculated based on sensor specification and lab test result 62676-4 which defines the criteria for Detect, Observe, Recognize, and Identify.															
<b>Video</b>															

Compression		H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
Resolution		8MP(3840x2160)/4K/4MP(2560x1440)/2304x1296/1080P(1920x1080)/1280x960/720P(1280x720)/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
<b>Audio</b>		
Compression		G.711a; G.711Mu; PCM; G.726; G.723
Interface		NA
<b>Network</b>		
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, iOS View Pro
<b>Auxiliary Interface</b>		
Memory Slot		Micro SD (Up to 256GB)
RS485		N/A
Alarm		N/A
PIR Sensor Range		N/A
<b>General</b>		
Power Supply		12 VDC/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
Mounting Brackets		<b>Junction Box:</b> PFA139 <b>Wall Mount:</b> PFB204W <b>Pole Mount:</b> PFA152-E + PFB204W
Dimensions		Φ6.1" x 5.3"
Weight		1.5lbs