

# IP8M-VT2779EW

## Amcrest 8MP Veri-focal PoE Turret Network Camera

### Technical Specifications

<b>Model</b>	<b>IP8M-VT2779EW</b>				
<b>Camera</b>					
Image Sensor	1/2.7" 8Megapixel progressive CMOS				
Effective Pixels	3840 (H) × 2160 (V)				
RAM	128MB				
ROM	256 MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s				
Minimum Illumination	0.008 Lux@F1.5				
S/N Ratio	>56dB				
IVS	Tripwire; Intrusion				
IR Distance	131.2ft (40m)				
IR On/Off Control	Auto/Manual				
IR LEDs	2				
Manual Pan/Tilt/Rotation Range	Pan: 0°-355°, Tilt: 0°-78°, Rotation: 0°-355°				
<b>Lens</b>					
Lens Type	Motorized Vari-focal				
Mount Type	φ14				
Focal Length	2.7mm-13.5mm				
Max. Aperture	F1.5				
Angle of View	H: 113°-31°, V: 58°-17°, 138°-36°				
Iris Type	Fixed				
Close Focus Distance	2.62ft – 2.62ft (0.8m – 0.8m)				
Dori Distance	<b>Lens</b>	<b>Detect</b>	<b>Observe</b>	<b>Recognize</b>	<b>Identify</b>
	W	279.9ft	111.9ft	55.8ft	27.9ft
	T	918.6ft	367.5ft	183.7ft	91.9ft
	<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				
Video Frame Rate	<b>Main Stream:</b> 3840 x 2160(1fps – 15fps), 2688 x 1520(1fps-25/30fps) <b>Sub Stream:</b> 704 x 576 (1fps-25fps), 704 x 480 (1fps-30fps)				
Stream Capability	2 Streams				
	3840 × 2160 (3840 × 2160); 3072 × 2048 (3072 × 2048); 3072 × 1728 (3072 × 1728); 2592 × 1944 (2592 × 1944); 2688 × 1520				

Resolution	(2688 × 1520); 3M (2048 × 1536); 2304 × 1296 (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 32kbps – 8192kbps, H.265: 12kbps – 8192kbps
Day/Night	Auto(ICR)/Color/B/W
BLC/HLC	Supported
Wide Dynamic Range	120 dB
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (ROI)	Supported (4 areas)
Smart Illumination	Supported
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 2688×1520 resolution and lower.)
Mirror	Supported
Privacy Masking	Up to 4 areas
<b>Alarm</b>	
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; motion detection; video tampering; tripwire; intrusion; illegal access; voltage detection; safety exception
<b>Network</b>	
Network	RJ-45 (10/100 Base-T)
Cyber Security	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade
Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS, UPnP
Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec
User/Host	20
Storage	FTP; Micro SD card (support max. 256 G); NAS
<b>General</b>	
Power Supply	12V DC/PoE (802.3af)
Power Consumption	<7.6W
Operating Conditions	-22°F to +140°F (-30°C to +60°C)
Storage Temperature	-40°F to +140°F (-40°C to +60°C)
Protection	IP67
Casing	Metal
Dimensions	4.26" × Φ1.80" (108.3 mm × Φ122 mm)
Net Weight	1.52 lbs.
Gross Weight	1.94 lbs.

## Dimensions

