

IP8M-T2599E

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

Technical Specifications

Model	IP8M-T2599EB / IP8M-T2599EW
Camera	
Image Sensor	1/2.7" 8Megapixel progressive CMOS
Effective Pixels	3840 (H) × 2160 (V)
ROM (RAM)	128 MB (256MB)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Minimum Illumination	0.009 Lux@F2.0
Wide Dynamic Range	120dB
IR Distance	30 m (98.43 ft)
IR On/Off Control	Auto/Manual
IR LEDs	2
Video	
Compression	H.264/ H.265
Smart Codec	Supported
Video Frame Rate	Main stream: 3840 × 2160 (1 fps–15 fps), 2688 × 1520 (1 fps–25/30 fps) Sub stream: 704 × 576 (1 fps–25 fps), 704 × 480 (1 fps–30 fps)
Streaming Capability	2 Streams
Resolution	3840 × 2160 (3840 × 2160); 3072 × 2048 (3072 × 2048); 3072 × 1728 (3072 × 1728); 2592 × 1944 (2592 × 1944); 2688 × 1520 (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
Bit Rate	H.264: 32 Kbps–8192 Kbps, H.264B: 32 Kbps–8192 Kbps, H.265: 1080-8192Kb/S
Day/Night	Auto (ICR)/Color/B/W
BLC Mode	BLC, HLC, WDR (120dB)
Auxiliary Interface	
Audio Interface	Built-in Mic
Audio	
Compression	G.711A; G.711Mu; G.726; AAC
Network	
Ethernet	RJ-45 (10/100 Base-T)

Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; RTSP; RTCP; RTMP; SMTP; FTP. SFTP; DHCP; DNS; DDNS; UPnP; NTP					
Interoperability	ONVIF (Profile S/Profile G/Profile T); P2P;					
Max. User Access	20 Users					
Edge Storage	Amcrest Cloud, FTP, MicroSD (Up to 256GB), NAS					
Management Software	Amcrest Surveillance Pro, Amcrest View Pro (iOS/Android), Amcrest Cloud, Amcrest Blue Iris, most mainstream web browsers including Google Chrome, Mozilla Firefox, Microsoft Edge, Safari, etc.					
Camera Features						
White Balance	Auto/natural/streetlamp/outdoor/manual/regional custom					
Gain Control	Auto/Manual					
Noise Reduction	3D DNR					
Motion Detection	OFF/ON (4 areas, rectangular)					
Audio Detection	Supported					
IVS	Tripwire/Intrusion					
Region of Interest	Up to 4 Areas					
Smart IR	Supported					
Digital Zoom	16x					
Flip	0°/90°/180°/270°					
Mirror	Supported					
Privacy Masking	Up to 4 Areas					
Lens						
Lens Type	Fixed-focal					
Mount Type	M12					
Focal Length	2.8 mm					
Max. Aperture	F2.0					
Angle of View	Pan 105° × Tilt 56° × Diagonal 125°					
Iris Type	Fixed					
Close Focus Distance	1.0 m (3.3 ft)					
Dori Distance		Lens	Detect	Observe	Recognize	Identify
		2.8mm	245.1ft	98.1ft	48.9ft	24.6ft
	Note: The DORI distance calculated based on sensor specification and lab test result 62676-4 which defines the criteria for Detect, Observe, Recognize, and Identify.					
General						
Power Supply	12V DC/PoE (802.3af)					
Power Consumption	< 7.2W					
Operating Conditions	−40°F to +131°F /less than ≤ 95% RH					
Ingress Protection	IP67					
Storage Conditions	−40°F to +140°F					
Casing	Metal					
Dimensions	3.97" × Φ4.33"					
Net Weight	1.1lb					

Dimensions

