IP8M-T2499E

Amcrest Ultra-HD 4K 8MP Turret Outdoor PoE Camera

Technical Specifications

Model	IP8M-T2499EW / IP8M-T2499EB
Camera	
Image Sensor	1/2.5" 8 Megapixel progressive scan STARVIS 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 50m (164ft)
IR On/Off Control	Auto/ Manual
IR LEDs	1
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 Substream: D1(1~25/30fps) Third Stream: 1080P(1~25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 24K ~ 10240Kbps H.265: 14K ~ 9984Kbp
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/ AAC/ G.726
Network	
Ethernet	RJ-45 (10/100Base-T)
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

<table>
<tr><td>Interoperability</td><td>ONVIF, PSIA, CGI</td></tr>
<tr><td>Streaming Method</td><td>Unicast / Multicast</td></tr>
<tr><td>Max. User Access</td><td>10 Users /20 Users</td></tr>
<tr><td>Edge Storage</td><td>NAS, FTP, Local PC, MircoSD card 128GB</td></tr>
<tr><td>Management Software</td><td>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, Sea Monkey, Firefox 49.0, Internet Explorer, Chrome with Amcrest Extension, Safari 11)</td></tr>
<tr><td>Camera Features</td><td></td></tr>
<tr><td>White Balance</td><td>Auto/Natural/Street Lamp/Outdoor/Manual</td></tr>
<tr><td>Gain Control</td><td>Auto/Manual</td></tr>
<tr><td>Noise Reduction</td><td>3D DNR</td></tr>
<tr><td>Motion Detection</td><td>Off / On (4 Zone, Rectangle)</td></tr>
<tr><td>Region of Interest</td><td>Off / On (4 Zone)</td></tr>
<tr><td>Smart IR</td><td>Support</td></tr>
<tr><td>Digital Zoom</td><td>16x</td></tr>
<tr><td>Flip</td><td>0°/180°</td></tr>
<tr><td>Mirror</td><td>Off / On</td></tr>
<tr><td>Privacy Masking</td><td>Off / On (4 Area, Rectangle)</td></tr>
<tr><td>Lens</td><td></td></tr>
<tr><td>Lens Type</td><td>Fixed</td></tr>
<tr><td>Mount Type</td><td>Board-in</td></tr>
<tr><td>Focal Length</td><td>2.8mm</td></tr>
<tr><td>Max. Aperture</td><td>F1.6</td></tr>
<tr><td>Angle of View</td><td>H:112°, V:69°</td></tr>
<tr><td>Focus Control</td><td>Fixed</td></tr>
<tr><td>Close Focus Distance</td><td>0.9m (2.95ft)</td></tr>
<tr><td>DORI Distance</td><td>
<table>
<tr><th>Lens</th><th>Detect</th><th>Observe</th><th>Recognize</th><th>Identify</th></tr>
<tr><td>2.8mm</td><td>69m(226ft)</td><td>28m(92ft)</td><td>14m(46ft)</td><td>7m(23ft)</td></tr>
</table>
*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.
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<tr><td>General</td><td></td></tr>
<tr><td>Power Supply</td><td>DC12V, PoE (802.3af)(Class 0)</td></tr>
<tr><td>Power Consumption</td><td><6W</td></tr>
<tr><td>Operating Conditions</td><td>-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH</td></tr>
<tr><td>Ingress Protection</td><td>IP67</td></tr>
<tr><td>Storage Conditions</td><td>-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH</td></tr>
</table>

Casing	Metal
Dimensions	Φ106mm×93.7mm (Φ 4.17”×3.69”)
Net Weight	0.47Kg (1.04lb)
Gross Weight	0.65Kg (1.43lb)