

# IP8M-2454E

## 8MP 4K Motorized Lens Vandal Dome Camera

### Technical Specifications

<b>Model</b>	<b>IP8M-2454E</b>
<b>Camera</b>	
Image Sensor	1/2.5" 8Megapixel progressive scan CMOS
Effective Pixels	3840(H)x2160(V)
RAM/ROM	512MB/32MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s
Minimum Illumination	0.05Lux/F1.4 (Color,1/3s,30IRE) 0.2Lux/F1.4 (Color,1/30s,30IRE) 0Lux/F1.4(IR on)
S/N Ratio	More than 50dB
IR Distance	Distance up to 50m (164ft)
IR On/Off Control	Auto/Manual
IR LEDs	2

<b>Video</b>	
Compression	H.265/H.264
Streaming Capability	3 Streams
Resolution	4K(3840×2160)/ 6M(3072×2048)/5M(3072×1728)/ 5M(2592×1944)/ 4M(2688×1520)/ 3M(2048×1536)/ 3M(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)
Frame Rate	<b>Main Stream: 4K(1~15fps)/3M(1~23/30fps)</b>
	<b>Sub Stream: D1/CIF(1~25/30fps)</b>
	<b>Third Stream: 720P/D1/CIF(1 ~ 25/30fps)</b>
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 24K ~ 10240Kbps H.265: 14K ~ 9984Kbps
Day/Night	Auto(ICR) / B/W
BLC Mode	BLC / HLC / WDR
<b>Auxiliary Interface</b>	
Audio Interface	Mic in/Line in, Line out
<b>Audio</b>	
Compression	G.711a/G.711mu/G.726/AAC

<b>Network</b>	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/IPv6,HTTP,HTTPS,SSL,TCP/IP, UDP,UPnP, ICMP,IGMP,SNMP,RTSP,RTP, SMTP, NTP,DHCP, DNS,PPPOE,DDNS,FTP, IP Filter,QoS,Bonjour,802.1x
Interoperability	ONVIF, PSIA, CGI
Streaming Method	Unicast / Multicast
Max. User Access	20 users
Edge Storage	NAS (Network Attached Storage),Local PC for instant recording, Micro SD card 256GB
Web Viewer	IE, Chrome, Safari

Management Software	Amcrest View Pro, Amcrest Surveillance Pro
Smart Phone	IOS, Android
<b>Certifications</b>	
Certifications	CE (EN 60950:2000) UL: UL60950-1 FCC: FCC Part 15 Subpart B
<b>Camera Features</b>	
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto / Manual

Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization	N/A
Smart IR	Support
Flip	0°/180°

Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)
Pan/Tilt/Rotation	Pan:0°~355°; Tilt:0°~75°; Rotation:0°~355° (Manually)
<b>Lens</b>	
Lens Type	Motorized/ Auto Iris(DC)
Mount Type	Board-in
Focal Length	2.7mm~12mm
Max. Aperture	F1.4
Angle of View	H:110°~40°, V:58°~23°
Optical Zoom	4x
Focus Control	Motorized

Close Focus Distance	0.3m				
Dori Distance	<b>Lens</b>	<b>Detect</b>	<b>Observe</b>	<b>Recognize</b>	<b>Identify</b>
	W	85(280ft)	34m(112ft)	17m(56ft)	8.5m(28ft)
	T	228m(748ft)	91m(299ft)	46m(151ft)	23m(75ft)
	<p>*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</p>				
<b>General</b>					
Power Supply	DC12V, PoE(802.3af)(Class 0)				
Power Consumption	<8.5W				
Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH				
Ingress Protection	IP67				
Vandal Resistance	IK10				
Casing	Metal				
Dimensions	φ122mm×88.9mm(4.80"×3.50")				
Net Weight	0.5kg (1.1lb)				
Gross Weight	0.58kg (1.29lb)				