

# IP8M-2493E

## 8 Megapixel HD Network IR Camera

### Technical Specifications

<b>Model</b>	<b>IP8M-2493E</b>
<b>Camera</b>	
Image Sensor	1/2.5" 8Megapixel progressive scan CMOS
Effective Pixels	3840(H) x 2160(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 30m (98ft)
IR On/Off Control	Auto/ Manual
IR LEDs	18

<b>Video</b>			
Compression	H.265+/H.265/H.264+/H.264		
Resolution	4K(3840×2160)/6M(3072×2048)/5M(2560×1920)/ 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>Mainstream</b>	<b>Substream</b>	<b>Third Stream</b>
	4K(1~15fps)/3M(1~25/30fps) D1(1~25/30fps)		1080P(1~25/30fps)
Bit Rate Control	CBR/VBR		
Bit Rate	H.264: 24K ~ 10240Kbps H.265: 14K ~ 9984Kbps		
Day/Night	Auto(ICR) / Color / B/W		
BLC Mode	BLC / HLC / WDR(120dB)		
<b>Auxiliary Interface</b>			
Video Interface	N/A		
Audio Interface	1/1 channel In/Out		
RS485	N/A		
Alarm	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC		
<b>Audio</b>			

Compression	G.711a/ G.711Mu/ AAC/ G.726
<b>Network</b>	
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

Interoperability	ONVIF, PSIA, CGI
Network	7 Mb/s 8 Mb/s at 4K(3840×2160)
Streaming Method	Unicast / Multicast
Max. User Access	10 Users /20 Users
Edge Storage	NAS Local PC for instant recording Mirco SD card 128GB
Web Viewer	IE, Chrome, Safari
Management Software	Smart PSS, DSS, Easy4ip
Smart Phone	IOS, Android
<b>Camera Features</b>	
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual

Gain Control	Auto/Manual
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Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization (EIS)	N/A
Smart IR	Support
Defog	N/A
Digital Zoom	16x
Flip	0°/90°/180°/270°
Privacy Masking	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)
<b>Lens</b>	
Lens Type	Fixed
Mount Type	Board-in
Focal Length	2.8mm (4 mm optional )
Max. Aperture	F1.6 (F1.6)

Angle of View	H:112° (88°), V:69° (48°)				
Optical Zoom	N/A				
Focus Control	Fixed				
Close Focus Distance	0.9m(1.7m)				
Dori Distance	<b>Lens</b>	<b>Detect</b>	<b>Observe</b>	<b>Recognize</b>	<b>Identify</b>
	2.8mm	69m(226ft)	28m(92ft)	14m(46ft)	7m(23ft)
	4.0mm	89m(292ft)	36m(118ft)	18m(59ft)	9m(30ft)
<b>General</b>					
Power Supply	DC12V, PoE (802.3af)(Class 0)				
Power Consumption	<5.5W				
Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH				
Ingress Protection	IP67				
Casing	Metal				
Dimensions	Φ109.9mm×81mm (4.33" × 3.19")				
Net Weight	0.41kg (0.91lb) Gross: 0.53 kg (1.17lb)				