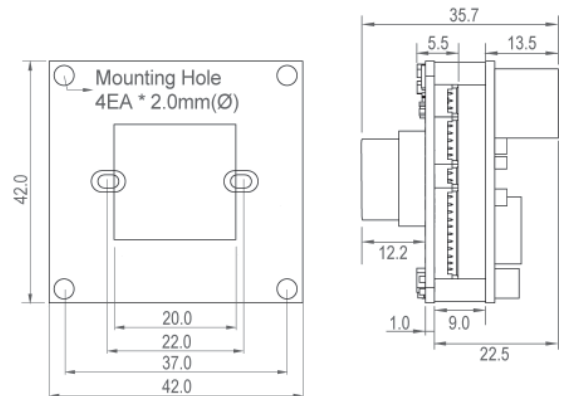


Product Features

- 8.29 Megapixel, IP camera, 3840x2160/30fps
- Cross web browsing (IE, Edge, Safari, Firefox, Chrome)
For full camera control, ActiveX is required (IE only)
- Adaptive web re-sizing depending on layout & resolution of display device by responsive web
- Triple streaming simultaneously of MJPEG & H.264 or H.265
- Zero configuration IP address (Zeroconf)
- DOL (Digital Overlap) WDR
- Simple-LDC (Lens Distortion Compensation)
- DIS (Digital Image Stabilization) function
- Functions: Motion Detection, Privacy Mask, Tamper ALARM, Defog, BLC/HLC, D-Zoom, Mirror/Flip, Vertical View (90°/270°)
- Power board includes PoE and 12VDC

Note: Adequate heat transfer methods need to be implemented in customer's mechanical design



Technical Specifications

Electrical	24M8.29IP
Imaging Sensor	1/2.5" Sony 8.29 megapixel R.G.B. Bayer Array CMOS Sensor
Effective Pixels	3840 (H) x 2160 (V) (approx. 8.29 megapixels)
Sensitivity	~0.05 lux, in normal color and IR filter modes
Scanning Mode	Progressive Scan
Latency	260 msec
S/N Ratio	51dB
Day & Night Mode	Connector is supported
WDR	DOL (Digital Overlap) WDR
DNR	3D-NR
Auto Exposure	Automatic (Priority: frame rate/low noise), manual
Shutter Speed Control	Automatic: min 1/135,000 sec ~ max 1/30 sec Manual: min 1/10,000 sec ~ max 1/30 sec
Gain Control	Automatic/ Manual - 39dB max (default: 1.2dB)
White Balance	ATW-Indoor/ Outdoor, Shade, Clear sky, Fluorescent light, Light Bulb, Flame, Manual
Functions	Motion Detection, Privacy Mask, Tamper, Defog, D-Zoom (~x16), HLC/BLC, Mirror/Flip, LDC, Vertical View (90°/270°), DIS (Digital Image stabilization)
Power Source	12VDC (10VDC - 13VDC), PoE is 44.0 - 57.0VDC
Power Consumption	4.2W Max

Environmental

Operating Temp.	-10°C ~ 50°C (14°F ~ 122°F)
Operating Humidity	20% ~ 80% RH

Mechanical

Dimensions W x H x D	42.0mm x 42.0mm x 5.5mm (w/o lens mount)
with PoE Board	42.0mm x 42.0mm x 23.5mm (w/o lens mount)

Network

Video Compression	H.265 Main Profile, H.264 (High, Main, Baseline Profile) MJPEG
Video Resolution	3840x2160 (4K), 2592x1520, 1920x1080, 1600x900, 16:9 Formats Only
Video Frame Rate	30/25fps@3840x2160p Max.
Video Streaming	Triple Streaming 3 H.265 / H.265, 1 MJPEG Independent frame rate and bandwidth control, VBR/CBR mode
FTP Uploading	MJPEG Still Image
Login Authority	Administrator, Operator, Guest
Security	Multi User Authority, IP Filtering, HTTPS, Video Stream, Export/Import
Network Time Sync.	Synchronize Computer/NTP Server, Manual
Software Reset	Restart, Reset, Factory Default
Auto Recovery	Backup, Restore
System Setup	Import and Export of setting files
Remote Upgrade	Via web browser
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Client Software	Built-In Web, ONVIF profile S compliant
SDK Support	API ONVIF profile S compliant
SD Memory Card	Connector is supported, 128GB Max. (Not Included)
Audio & Alarm	Connector is supported