

- ▶ Dual- channel split design
- ▶ Two selections for lens modules
- ▶ SD card built in for edge recording
- ▶ Dual power support (PoE/DC12V)



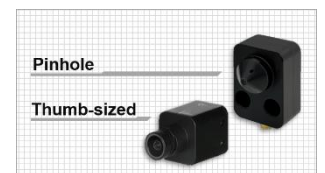
Optimal Configuration for Compact Spaces

The separated design minimizes the size of the camera module, providing an optimal configuration for compact spaces. With the ability to connect up to two cameras to a single main unit, it streamlines the management of multiple lens modules while simplifying both installation and maintenance.



Multiple Separated Lens Modules Options

The multiple selection of lenses and sensor modules offers maximum flexibility in meeting installation requirements, allowing the camera to adapt to various needs in different environments.



Perfect Balance of AI Performance and Affordability

Compared to baseline models, the computing power of this model has been increased by 6 times. This allows for faster processing, high accuracy, and improved recognition of smaller objects at the same resolution.



Features

- ▶ Multiple Sony Progressive Scan CMOS Sensor support up to 2M Resolution for each lens module
- ▶ Multi Exposure HDR
- ▶ Multi Codec support (H.265/H.264/MJPEG)
- ▶ Low Latency Streaming
- ▶ Quad Streams support
- ▶ 3D Motion Compensated Noise Reduction (MCTF)
- ▶ ONVIF Profile S/G/T/M support
- ▶ Deep Neural Network Accelerated Engine
 - ▶ Detection and Recognition – Human / Vehicle
 - ▶ Behavior Analytics – Human / Vehicle / Object
- ▶ Smart Event function
 - ▶ External Input/ Motion Detection
 - ▶ Network Failure Detection/ Tampering Alarm
 - ▶ Periodical Event/ Manual Trigger
- ▶ Text Overlay and Privacy Masks
- ▶ Micro SD/SDHC/SDXC Card support
- ▶ Smart Low Bitrate control

Custom Specification

Thumb-sized Sensor Unit		
Image Sensor	Sony 2M 1/2.8" Sony Progressive CMOS	
Effective Pixels	HxV = 1936 x 1100	
Video Resolution	1920 x 1080	
Pixel Size	2.9 μm	
Frame Rate (Maximum)	H.265	HDR 2M @30fps + 2M @30fps
	H.264	HDR 2M @30fps + 2M @30fps
	MJPEG	HDR 2M @30fps
Lens		
Minimum Illumination	Color	0.173 lux
Lens	Type	F2.0
	Focal Length	2.8 mm
	Horizontal FOV	112.0°
	Vertical FOV	61.9°

* Optional

Pin-hole Sensor Unit		
Image Sensor	Sony 2M 1/2.8" Sony Progressive CMOS	
Effective Pixels	HxV = 1936 x 1100	
Video Resolution	1920 x 1080	
Pixel Size	2.9 μm	
Frame Rate (Maximum)	H.265	HDR 2M @30fps + 2M @30fps
	H.264	HDR 2M @30fps + 2M @30fps
	MJPEG	HDR 2M @30fps
Lens		
Minimum Illumination	Color	0.27 lux
Lens	Type	F2.5
	Focal Length	3.7 mm
	Horizontal FOV	96.8°
	Vertical FOV	48.4°

* Optional

Common Specification

Camera	
Shutter Time	1~1/10K sec.
HDR	Yes
Zoom	Digital zoom ready
Image Settings	Color, Brightness, Sharpness, Contrast, White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay
Rotation	90°, 180°, 270° rotation
Video Codec	
Compression	H.265/H.264/MJPEG
Streaming	Up to 4 individually configurable streams in H.265/H.264/MJPEG Configurable resolution/frame rate/bandwidth LBR/VBR/CBR in H.265/H.264
Network	
Interface	10/100Mbps Ethernet
Security	User Authentication/HTTPS/IP Filter/IEEE 802.1x
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, RTSPS, HTTP, HTTPS, FTP, NTP, DDNS, LLDP, RTMP, SRTMP
ONVIF	Profile S/G/T/M conformant

System Integration	
Events Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	External output Activation Video recording to edge storage File Upload : FTP, network share and email Notification : HTTP, FTP, email
Intelligent Video Analytics	
General Analytics	Motion Detection/Tampering
DNN Analytics	Face Detection/Recognition LPR Detection/Recognition Human Detection/Recognition/Tracking Vehicle Detection/Recognition/Tracking Human/Vehicle/Object Behavior Analytics

General	
Casing	Metal
Power	PoE IEEE802.3af, class 0, max 9.2 watt DC12V, max 7.45 watt
Connectors	RJ45
	DC12V, Terminal Block
	SMA for sensor unit x2 Alarm in x1, Alarm out x1, Terminal Block
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to NAS
Operating Conditions	-30°C~55°C 10%~90%, No Condensation
Storage Conditions	-20°C~70°C
Approvals	EMC CE/FCC
Dimensions	Main unit : 91 x 59 x 31.5 mm Thumb-sized Sensor Unit : 26 x 26 x 43 mm Pin-hole Sensor Unit : 26 x 37 x 15 mm Sensor unit cable : 2 m
Weight	273 g