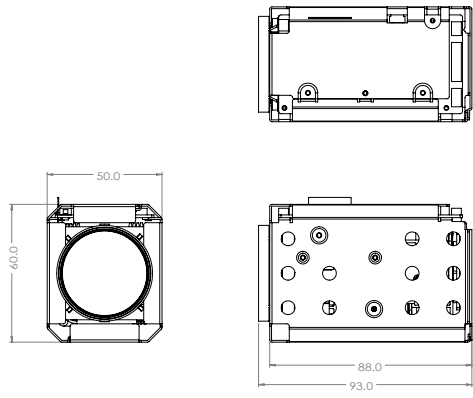


ZM-Z3234-9AA

Dimension



IMX900 1/3" Sony Pregius S Sensor(Global)
2048 × 1536
60/50 fps(TBA), 30/25 fps
Color: 0.03 Lux @ (F1.7, AGC ON), BW: 0Lux (IR LED)
Optical 30x Digital 10x
256 zoom/focus presets(TBA)
H.265 / H.264 / JPEG
HTTP RESTful API, Onvif

System

Product IP

Image Sensor

Sensor IMX900 1/3" Sony Pregius S Sensor(Global)
Total pixels 2,064(H) x 1,592(V) = 3.28M Pixels
Effective pixels 2,064(H) x 1,522(V) = 3.20M Pixels
Resolution 2048 × 1536
Frame Rate 60/50 fps(TBA), 30/25 fps
Min. Illumination Color: 0.03 Lux @ (F1.7, AGC ON), BW: 0Lux (IR LED)

Lens

Zoom Ratio Optical 30x Digital 10x
Focal Length f = 4.6mm ~ 136.8mm
Aperture ratio F1.7(wide) ~ F3.1(tele)
Angle Of View F1.63(wide) ~ F4.85(tele)
Frame Rate H : 59°(W) ~ 2°(T)
V : 34.6°(W) ~ 1.17°(T)
D : 66.2°(W) ~ 2.36°(T)
Min. Distance 0.5m(Wide), 5m(Tele)
Iris DC auto iris(TBA)
IR Cut Filter on / off

Function

Control Mode	Auto / Manual / One Shot(=Zoom Trigger, One Push)
Presets	256 zoom/focus presets(TBA)
Day & Night	Auto, Day, Night, Ext-in
D&N Levels	10 levels (in Auto Mode)
Electronic Shutter Speed	1/25(30)/1/50(60) ~ 1/5000
White Balance Modes	Auto, Manual (3 steps or more)
Exposure Modes	Auto, Shutter Priority, Manual
Gain control	Auto / Manual
WDR	Off / On(TBA)
BLC	Off / On, Area selectable
HLC	Off / On
DNR	2D&3D
Defog	Off / Low / Middle / High
DIS	Off / On(TBA)
Mirror	Off, Vertical Flip, Horizontal Flip, H+V Flip (180degree rotation)
Privacy Mask	Max 8 Zones
Motion detection	Supported
Output Format	H.265 / H.264 / JPEG
Bitrate	512~15000 kbps

Streaming

Quadruple (x4) IP Streaming
Main Stream : up to 1920 × 1080
Second Stream : up to 1280 × 720
Third Stream : up to 640 × 480
JPEG : 1920 × 1080

OSD

Title, Date, Resolution

Main UI

Web-based GUI

System Mode

NTSC / PAL

Recording

Video TBD

JPEG TBD

AI

Rule Eengine / Tracker TBD

Video analytics TBD

Audio

Compression G.711 ulaw

Sampling rate 8khz

Input & Output 1 Line In / 1 Line Out

Network

Interface	10BASE-T/100BASE-TX
Protocol	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, NTP, SMTP, FTP, UPnP, HTTP, HTTPS, SSL/TLS
Security	Password protection, IP address filtering, Https encryption, brute force delay protection
control protocol	HTTP RESTful API, Onvif

General

External devices	1x alarm input 1x alarm output 1x analog input(ambient light) 1x analog output(lighting control) 1x Uart
External Stroage	Micro SD
Power Supply	12V
Power consumption	TBD
Storage Temperature	-20°C ~ +60°C (Humidity < 90%RH, Non-condensing)
Operating Temperature	-10°C ~ +50°C (Humidity < 90%RH, Non-condensing)
Dimension	TBD
Weight	TBD
Certifications	NA