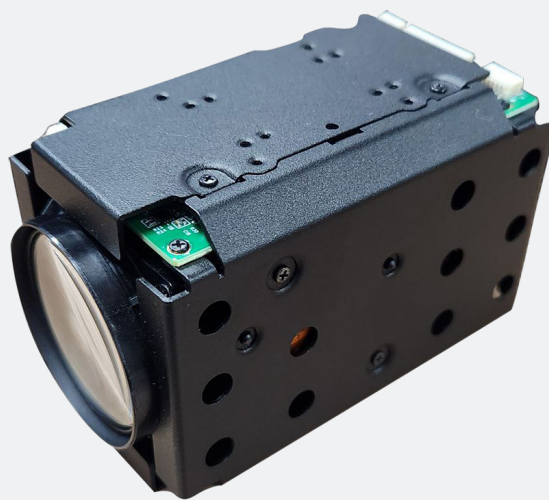


# SZ-G30A



IMX900 1/3" Sony Pregius S Sensor(Global)  
2048 × 1536  
60/50 fps(TBA), 30/25 fps  
Color: 0.03 Lux @ (F1.63, 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
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## 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 @ (F1.63, AGC ON), BW: 0Lux (IR LED)

## Lens

Zoom Ratio	Optical 30x Digital 10x
Focal Length	f = 4.6mm ~ 136.8mm
Aperture ratio	F1.63(wide) ~ F4.85(tele)
Angle Of View	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 / Zoom Trigger / One Push
Presets	256 zoom/focus presets(TBA)
Day & Night	Auto, Day, Night, Ext-in
D&N Levels	10 levels (without Ext-in)
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

<b>HLC</b>	Off / On
<b>DNR</b>	2D&3D
<b>Defog</b>	Off / Low / Middle / High
<b>DIS</b>	Off / On(TBA)
<b>Mirror</b>	Off, Vertical Flip, Horizontal Flip, H+V Flip (180degree rotation)
<b>Privacy Mask</b>	Max 8 Zones
<b>Motion detection</b>	32 × 18 cell / AI motion detection(TBA)
<b>Output Format</b>	H.265 / H.264 / JPEG
<b>Bitrate</b>	512~15000 kbps
<b>Streaming</b>	Quadruple ( x4 ) IP Streaming Main Stream : up to 1920 × 1080 Second Stream : up to 1280 × 720 Third Stream : up to 640 × 480(TBA) JPEG : 1920 × 1080
<b>OSD</b>	Title, Date, Resolution
<b>Main UI</b>	Web-based GUI
<b>System Mode</b>	NTSC / PAL

## Recording

<b>Video</b>	TBD
<b>JPEG</b>	TBD

## AI

<b>Rule Engine / Tracker</b>	TBD
<b>Video analytics</b>	TBD

## Audio

<b>Compression</b>	G.711 ulaw
<b>Sampling rate</b>	8khz
<b>Input &amp; Output</b>	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 D&N input(Ext-in) 1x PWM 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

## Dimension

