

## SG-ZCM8030N

- 4K/8Megapixel 30x Zoom Network Camera Module



### 1. Features

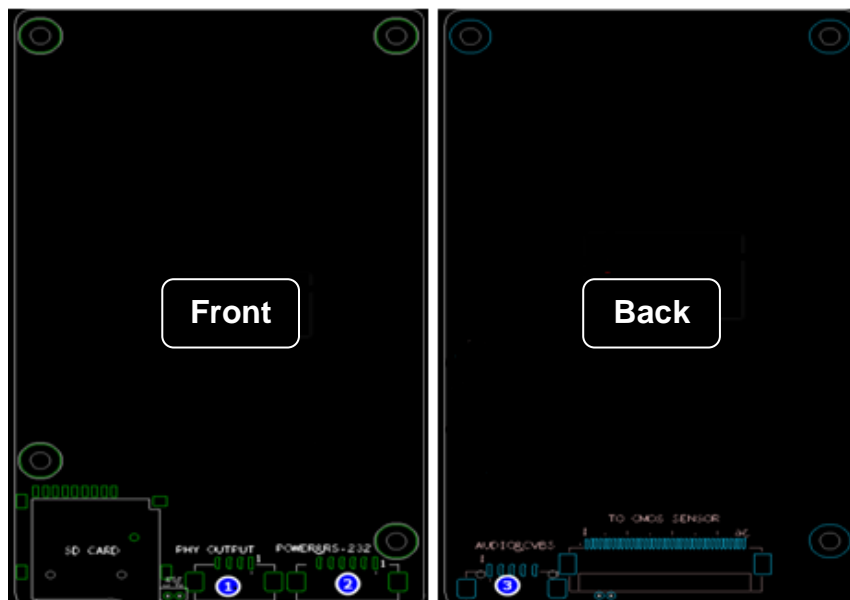
- > 1/1.8" Sony Exmor CMOS Sensor.
- > Powerful 30x optical zoom (6~180mm).
- > Max. 12Mp(4000x3000), 8Mp(3840x2160) Resolution
- > Support various IVS functions
- > Support Electronic Defog
- > Support video output from the network port.

### 2. Specification

Model		SG-ZCM8030N
Sensor	Image Sensor	1/1.8" Sony Exmor CMOS
	Effective Pixels	Approx. 8.42 Megapixel
	Max. Resolution	3864(H)x2180(V)
Lens	Focal Length	6mm ~ 180mm, 30x Optical Zoom
	Aperture	F1.5~F4.3
	Close Focus Distance	0.1m~1.5m (Wide ~ Tale)
	Angle of View	63°~2.6°
Video Network	Compression	H.265/H.264/H.264H/MJPEG
	Storage Capabilities	TF card, up to 128G
	Network Protocol	Onvif, GB28181, HTTP, RTSP, RTP, TCP, UDP
	Smart Alarm	Motion Detection, Cover Alarm, Storage Full Alarm
Resolution		50Hz: 20fps@12Mp(4000x3000), 25fps@8Mp(3840x2160) 60Hz: 20fps@12Mp(4000x3000), 30fps@8Mp(3840x2160)
IVS		Tripwire, Cross Fence Detection, Intrusion, Abandoned Object, Fast-Moving, Parking Detection, Crowd Gathering Estimation, Missing Object, Loitering Detection.

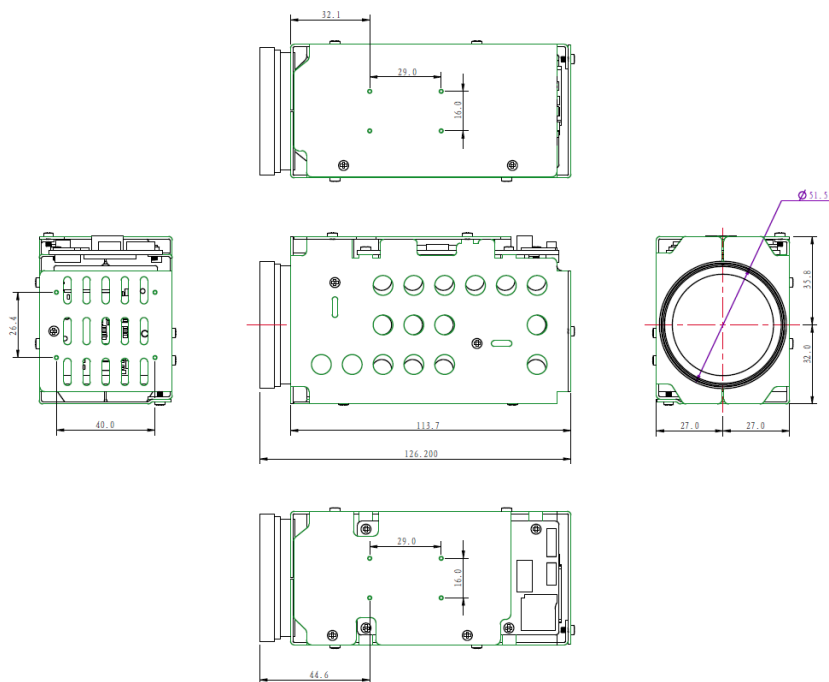
S/N Ratio	≥55dB (AGC Off, Weight ON)
Minimum Illumination	Color: 0.1Lux/F1.5; B/W: 0.01Lux/F1.5
EIS	Electronic Image Stabilization (ON/OFF)
Defog	ON/OFF
Exposure Compensation	ON/OFF
Strong Light Suppression	ON/OFF
Day/Night	Auto/Manual
Zoom Speed	Approx 4.5s(Optical Wide-Tele)
White Balance	Auto/Manual/ATW/Indoor/Outdoor/ Outdoor Auto/ Sodium lamp Auto / Sodium lamp
Electronic Shutter Speed	Auto Shutter (1/3s~1/30000s)Manual Shutter (1/3s~1/30000s)
Exposure	Auto/Manual
2D Noise Reduction	Support
3D Noise Reduction	Support
Flip	Support
External Control	TTL
Communication Interface	Compatible with the SONY VISCA Protocol
Focus Mode	Auto/Manual/Semi-automatic
Digital Zoom	4x
Operating Conditions	(-30°C~+60°C/20% to 80%RH)
Storage Conditions	(-40°C~+70°C/20% to 95%RH)
Power Supply	DC 12V±15% (Recommend: 12V)
Power Consumption	Static power: 4.5W, Sports power: 5.5W
Dimensions(L*W*H)	Approx. 126mm*54mm*68mm
Weight	Approx. 410

### 3. Interface Definition:



Type	PIN Number	PIN Name	Description
(1) 4PIN Internet Interface	1	ETHRX-	Internet RX-
	2	ETHRX+	Internet RX+
	3	ETHTX-	Internet TX-
	4	ETHTX+	Internet TX+
(2) 6PIN Power & UART Interface	1	DC_IN	DC12V±10%
	2	GND	GND
	3	RXD1	TTL 3.3V, Pelco Protocol
	4	TXD1	TTL 3.3V, Pelco Protocol
	5	RXD0	TTL 3.3V, Visca Protocol
	6	TXD0	TTL 3.3V, Visca Protocol
(3) Audio & Video Interface	1	AUDIO_OUT	Audio Out(Line Out)
	2	GND	GND
	3	AUDIO_IN	Audio In(Line In)
	4	GND	GND
	5	VIDEO_OUT	Video Out(CVBS)

#### 4. Dimension



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\*Design and specifications are subject to change without prior notification.  
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