

2MP 68×ZOOM NETWORK & LVDS CAMERA MODULE | VS-SCZ2068NM-8



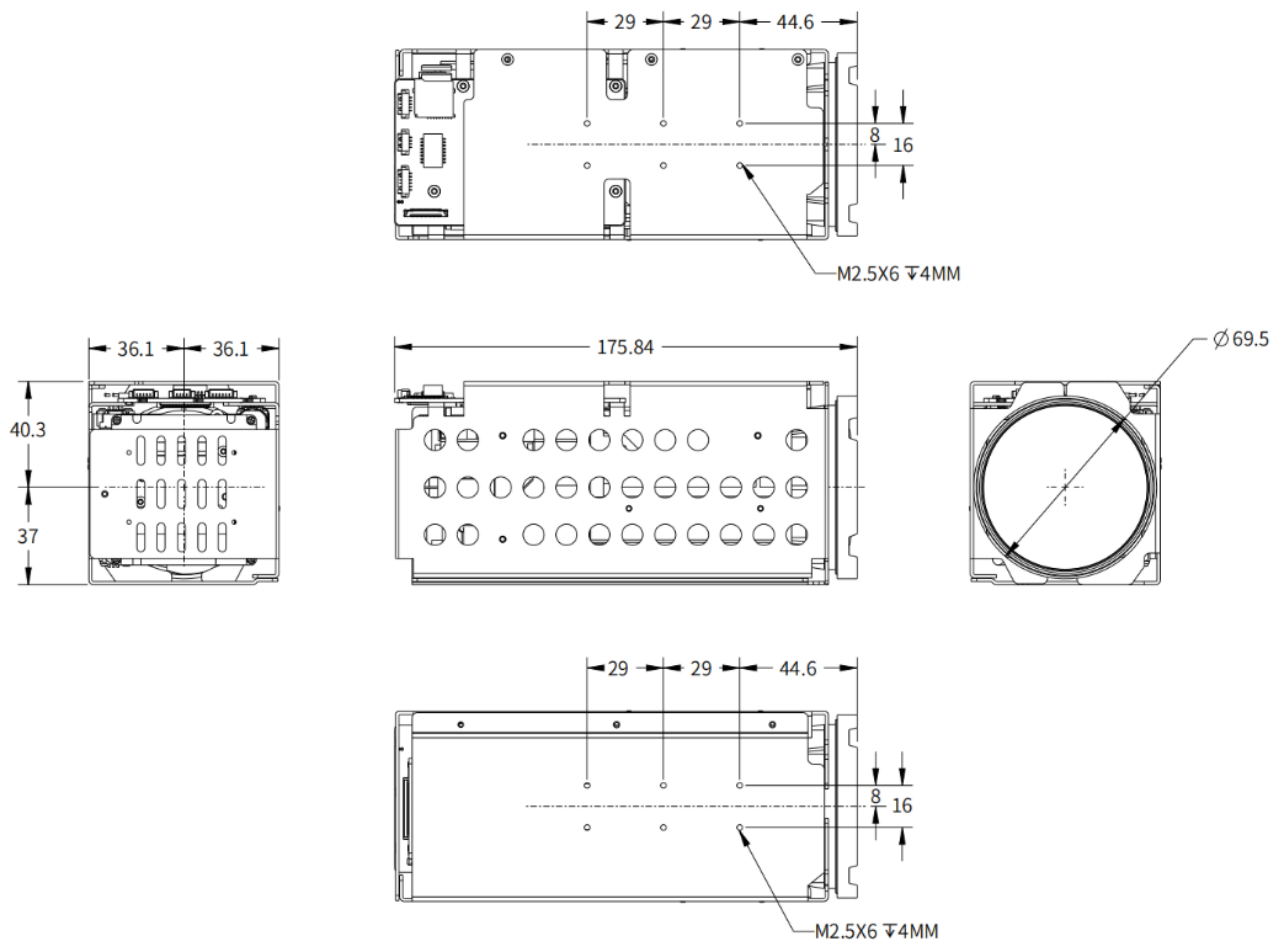
- 1/1.8" high sensitivity image sensor, Min. Illumination: 0.005Lux (Colour).
- 68× zoom, Fast and accurate autofocus.
- Max. Resolution: 1920*1080@30/25fps.
- Supports Optical-Defog, HLC, BLC, WDR, Suitable for a wide range of applications.
- Supports ICR switching for true day/night surveillance.
- Supports independent configuration of two sets of Day/Night Profiles.
- Supports triple streams, meet the varying demands of stream bandwidth and frame rate for live preview and storage.
- Supports H.265, Higher encoding compression rate.
- Supports IVS: Tripwire, Intrusion, Loitering, etc.
- Supports ONVIF, Compatible with VMS and network devices from leading manufacturers.
- Full functions: PTZ control, Alarm, Audio, OSD.
- Compact design with a wide range of interfaces.

Specification

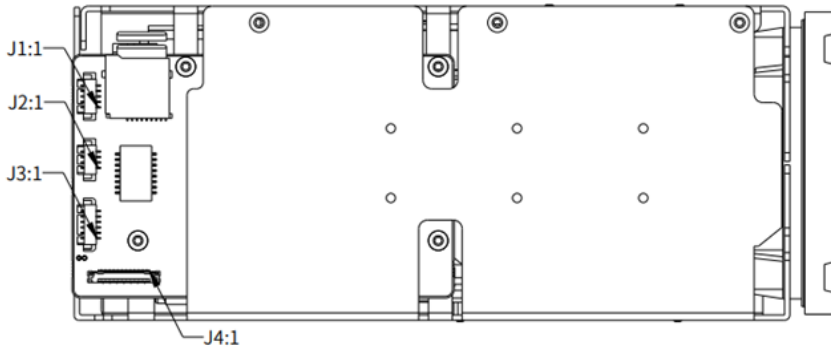
Camera				
Sensor	Type	1/1.8" Sony Progressive Scan CMOS		
	Effective Pixels	4.17 M pixels		
Lens	Focal Length	6 ~ 408mm		
	Zoom	68 ×		
	Aperture	FNo: 1.4 ~ 4.6		
	HFOV	66.0° ~ 1.1°		
	VFOV	40.1° ~ 0.6°		
	DFOV	73.3° ~ 1.2°		
	Close Focus Distance	1m ~ 5m (Wide ~ Tele)		
	Zoom Speed	8 Sec (Optics, Wide ~ Tele)		
DORI distance (M) (Detect, Observe, Recognize Identify defined according to EN 62676-4)		Detect	Observe	Recognize
		5628	2233	1126
Video & Audio Network	Compression	H.265/H.264/H.264H/MJPEG		
	Resolution	Main Stream: 1920*1080@30/25fps; 1280*720@30/25fps Sub-stream 1: D1@30/25fps; CIF@30/25fps Sub-stream 2: 1920*1080@30/25fps; 1280*720@30/25fps; D1@30/25fps LVDS: 1920*1080@30/25fps		
	Video Bit Rate	32kbps ~ 16Mbps		
	Audio Compression	AAC/MP2L2		
	Storage Capabilities	TF card, up to 256GB		
	Network Protocols	ONVIF, HTTP, RTSP, RTP, TCP, UDP		
	General Events	Motion Detection, Tamper Detection, Scene Changing, Audio Detection, SD Card, Network, Illegal Access		
	IVS	Tripwire, Intrusion, Loitering, etc.		
Upgrade		Support		
Min Illumination		Colour: 0.005Lux/F1.4		
Shutter Speed		1/1 ~ 1/30000 Sec		
Noise Reduction		2D / 3D		
Image Settings		Saturation, Brightness, Contrast, Sharpness, Gamma, etc.		
Flip		Support		
Exposure Model		Auto/Manual/Aperture Priority/Shutter Priority/Gain Priority		
Exposure Comp		Support		
WDR		Support		
BLC		Support		
HLC		Support		
S/N Ratio		≥ 55dB (AGC Off, Weight ON)		
AGC		Support		

White Balance (WB)	Auto/Manual/Indoor/Outdoor/ATW/Sodium Lamp/Natural/Street Lamp/One Push
Day/Night	Auto (ICR)/Manual (Colour, B/W)
Digital Zoom	16×
Focus Model	Auto/Manual/Semi-Auto
Defog	Optical-Defog
Image Stabilisation	Electronic Image Stabilisation (EIS)
External Control	2× TTL3.3V, Compatible with VISCA and PELCO protocols
Video Output	Network & LVDS
Baud Rate	9600 (Default)
Operating Conditions	-30°C ~ +60°C; 20 % to 80 % RH
Storage Conditions	-40°C ~ +70°C; 20 % to 95 % RH
Weight	900g
Power Supply	+9 ~ +12V DC (Recommend: 12V)
Power Consumption	Static: 5.0W; Max: 6.0W
Dimensions (mm)	Length * Width * Height: 175.84*72.2*77.3

Dimensions (mm)



Interface



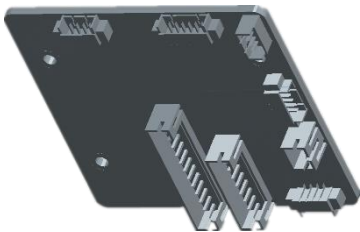
J4 (USL00-30L 0.4MM)	
1	NC
2	NC
3	NC
4	NC
5	NC
6	NC
7	NC
8	NC
9	GND
10	GND
11	GND
12	GND
13	+12V
14	+12V
15	+12V
16	+12V
17	+12V
18	RXD0(TTL3.3V,Visca)
19	TXD0(TTL3.3V,Visca)
20	GND
21	TXOUT0-
22	TXOUT0+
23	TXOUT1-
24	TXOUT1+
25	TXOUT2-
26	TXOUT2+
27	TXOUTCLK-
28	TXOUTCLK+
29	TXOUT3-
30	TXOUT3+

J1 (A1251-05A 1.25MM)	
1	AUDIO_OUT
2	GND
3	AUDIO_IN
4	GND
5	NC

J2 (A1251-04A 1.25MM)	
1	ETHRX-
2	ETHRX+
3	ETHTX-
4	ETHTX+

J3 (A1251-06A 1.25MM)	
1	+12V
2	GND
3	RXD1(TTL3.3V,Pelco)
4	TXD1(TTL3.3V,Pelco)
5	RXD0(TTL3.3V,Visca)
6	TXD0(TTL3.3V,Visca)

Accessories



485 Alarm Tail Board



LVDS to SDI adapter board



LVDS wire