













3MP 50×ZOOM NETWORK GLOBAL SHUTTER CAMERA MODULE | VS-SCZ3050NM-8



		H.265 H E V C
		
		
		
		

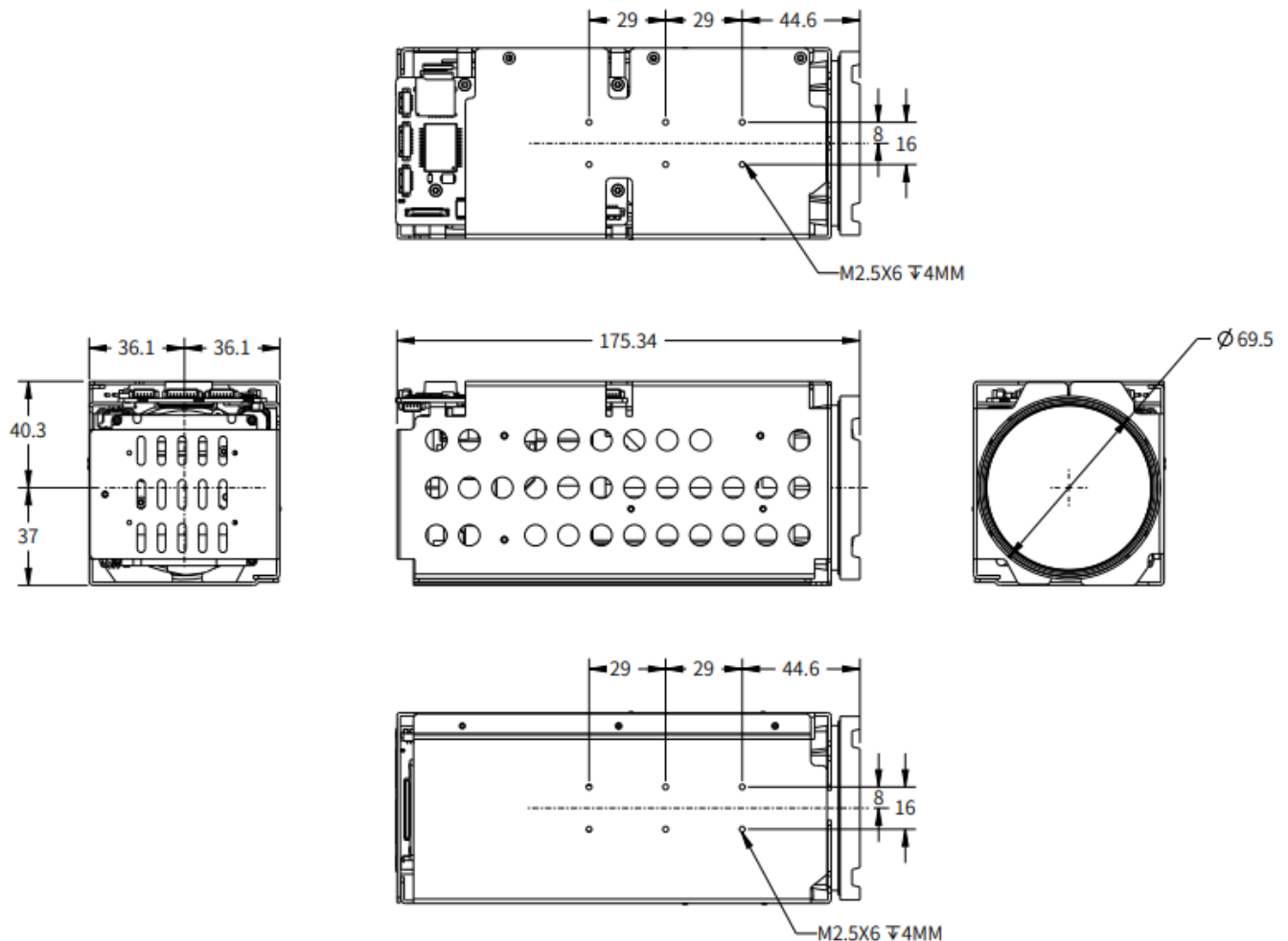
- 1/1.8" Global Shutter high sensitivity image sensor, Min. Illumination: 0.005 Lux (Colour).
- 50× Optical zoom, Fast and accurate autofocus.
- Max. Resolution: 2048*1536@55fps.
- Supports Optical-Defog, Advanced Electronic Image Stabilisation, HLC, BLC, WDR, Suitable for a wide range of applications.
- 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.

Specification

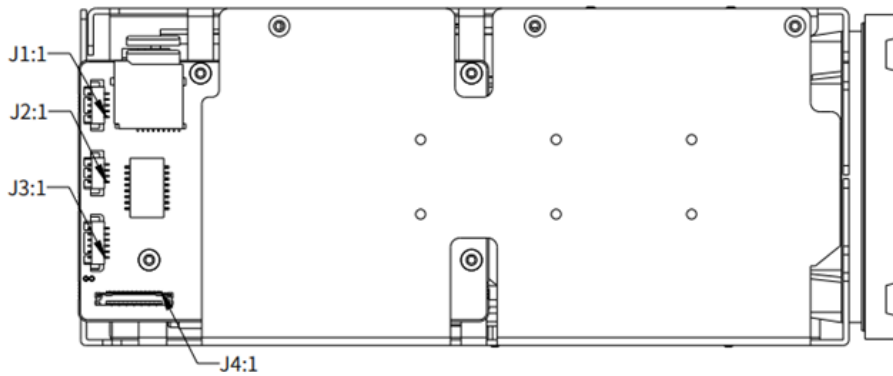
Camera		
Sensor	Type	1/1.8" Sony Global Shutter
	Effective Pixels	3.19 M pixels
Lens	Focal Length	6~300mm
	Optical Zoom	50 ×
	Aperture	FNo: 1.4 ~ 4.5
	HFOV (°)	60.9° ~ 1.1°
	VFOV (°)	47.6° ~ 1.0°
	DFOV (°)	72.7° ~ 1.6°
	Close Focus Distance	1m ~ 5m (Wide ~ Tele)
	Zoom Speed	6.5 Sec (Optics, Wide ~ Tele)
Video & Audio Network	Compression	H.265/H.264/H.264H/MJPEG
	Resolution	Main Stream: 2048*1536@25/30fps; 1920*1080@55fps Sub Stream1: D1@25/30fps; CIF@25/30fps Sub Stream2: 1920*1080@25/30fps; 1280*720@25/30fps; D1@25/30fps LVDS: 1920*1080@25/30fps
	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		Only through the network interface,
Min Illumination		Colour: 0.005Lux/F1.4; B/W: 0.001Lux/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	Advanced Electronic Image Stabilisation (EIS)
External Control	2× TTL3.3V, Compatible with VISCA 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: 5W; Max: 6W
Dimensions (mm)	Length * Width * Height: 175.34*72.2*77.3

Dimensions (mm)



Interface



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)

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+

Accessories



485 Alarm Tail Board



LVDS to SDI board



LVDS Cable