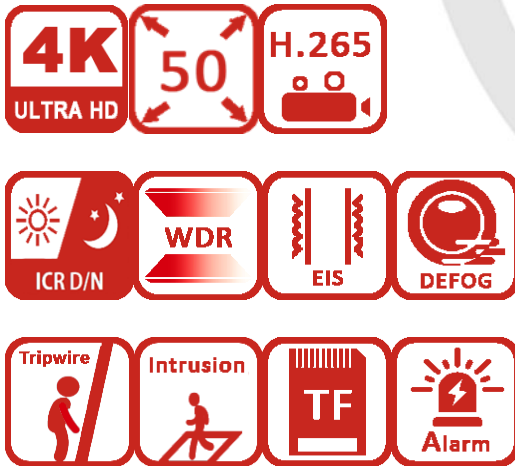


# 4K 50× ZOOM NETWORK CAMERA MODULE | VS-SCZ8050M-8



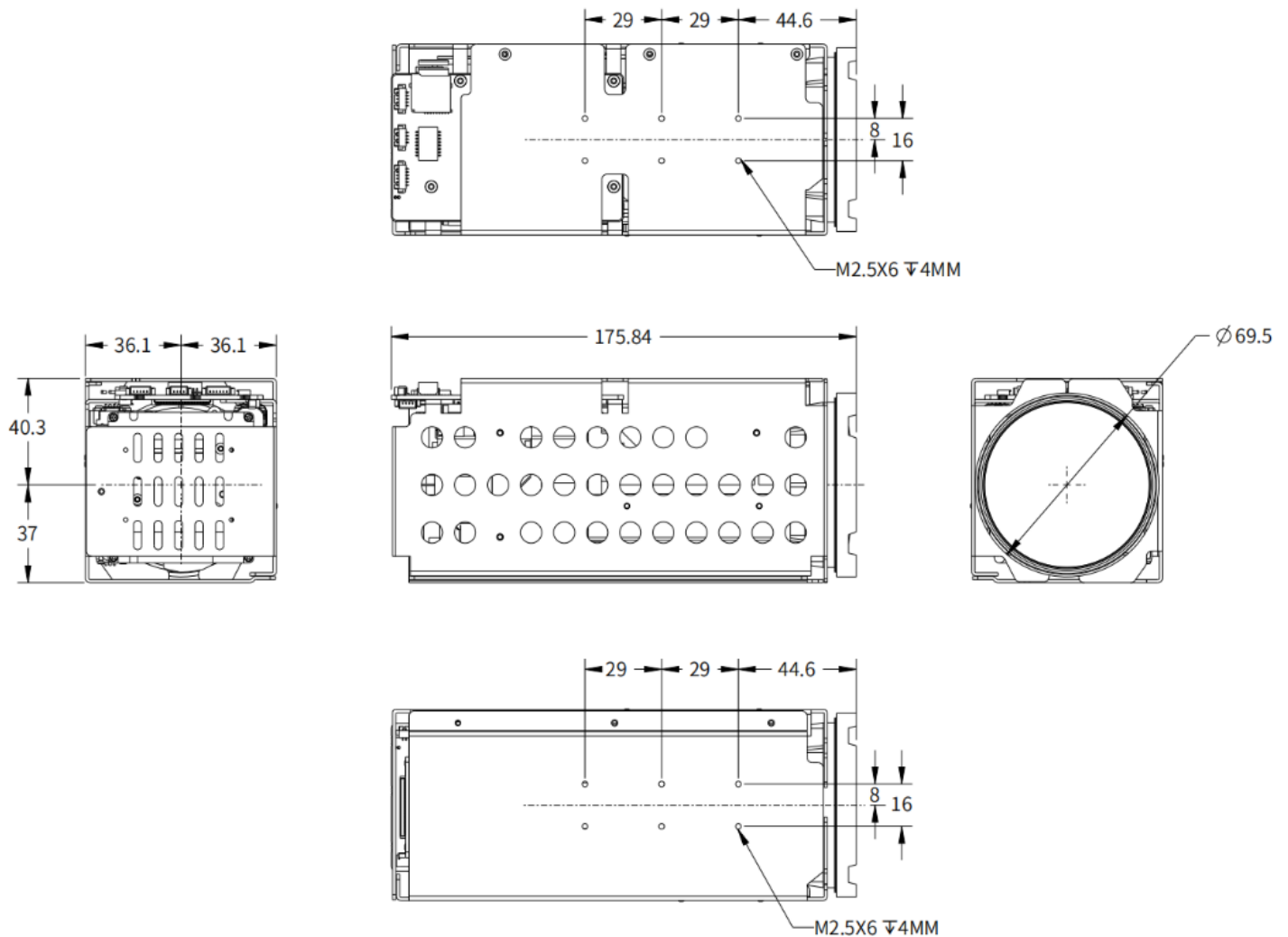
- 1/1.8" high sensitivity image sensor, Min. Illumination: 0.05Lux (Colour).
- 50× optical zoom, Fast and accurate autofocus.
- Max. Resolution: 3840\*2160@25/30fps.
- Equipped with SigmaStar SSC339G main control chip.
- Supports Optical-Defog, HLC, BLC, WDR, Suitable for a wide range of applications.
- 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, etc.

## Specification

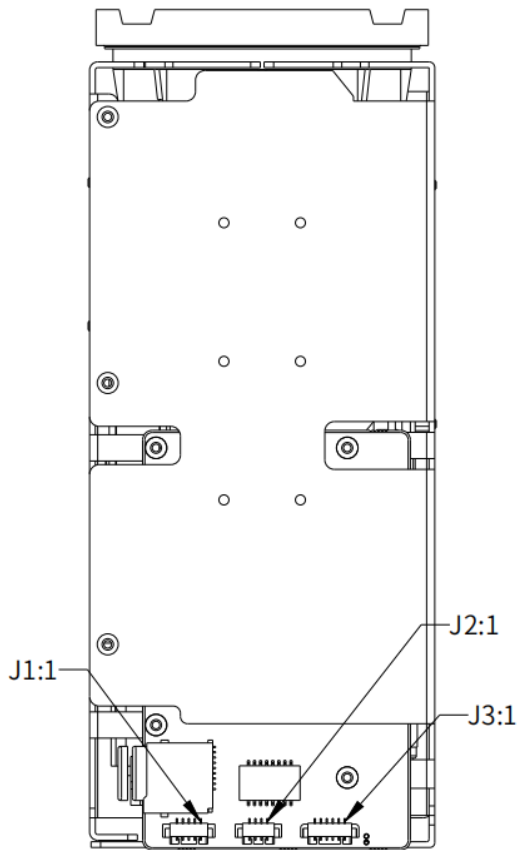
Camera		
Sensor	Type	1/1.8" Sony Progressive Scan CMOS
	Effective Pixels	8.42 M pixels
Lens	Focal Length	6 ~ 300mm
	Optical Zoom	50×
	Aperture	FNo: 1.5 ~ 4.5
	HFOV	65.2° ~ 0.8°
	VFOV	39.5° ~ 0.4°
	DFOV	72.5° ~ 0.9°
	Close Focus Distance	1m ~ 5m (Wide ~ Tele)
	Zoom Speed	7 Sec (Optics, Wide ~ Tele)
Video & Audio Network	Compression	H.265/H.264/H.264H/MJPEG
	Video Compression	Main Stream: 3840*2160@25/30fps; 1080P@25/30fps; 720P@25/30fps Sub Stream1: D1@25/30fps; VGA@25/30fps; CIF@25/30fps Sub Stream2: 1080P@25fps; 720P@25fps; D1@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: 0.05 Lux/F1.5
Shutter Speed		1/3 ~ 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	Electronical Image Stabilisation (EIS)
External Control	2× TTL3.3V, Compatible with VISCA and PELCO protocols
Video Output	Network
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

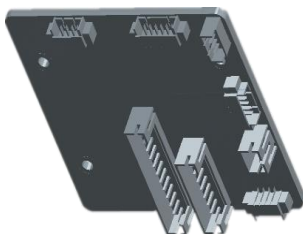


J1 (A1251-05A 1.25MM)	
1	AUDIO_OUT
2	GND
3	AUDIO_IN
4	GND
5	NC

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



TTL to 485 Alarm Tail Board