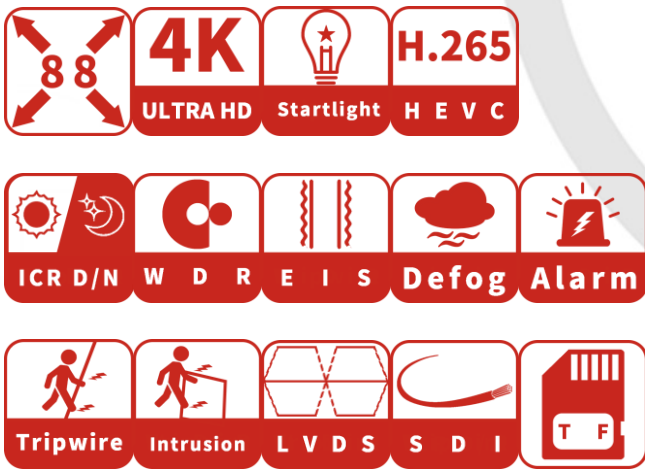


4K 88× ZOOM ULTRA LONG-RANGE CAMERA MODULE | VS-SCZ8088NM-8



- 1/1.8" high sensitivity image sensor, Min. Illumination: 0.1Lux (Colour).
- 88× optical zoom (f: 11.3 ~ 1000mm), Fast and accurate autofocus.
- Max. Resolution: 3840*2160 @ 25/30fps
- The lens adopts multiple pieces of aspherical optical glass, with good picture clarity.
- Fast and accurate focus with stepper motors drive, longer life and high reliability.
- Supports Optical-Defog, EIS, Heat Haze Reduction, 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.

Hangzhou View Sheen Technology Co., Ltd.

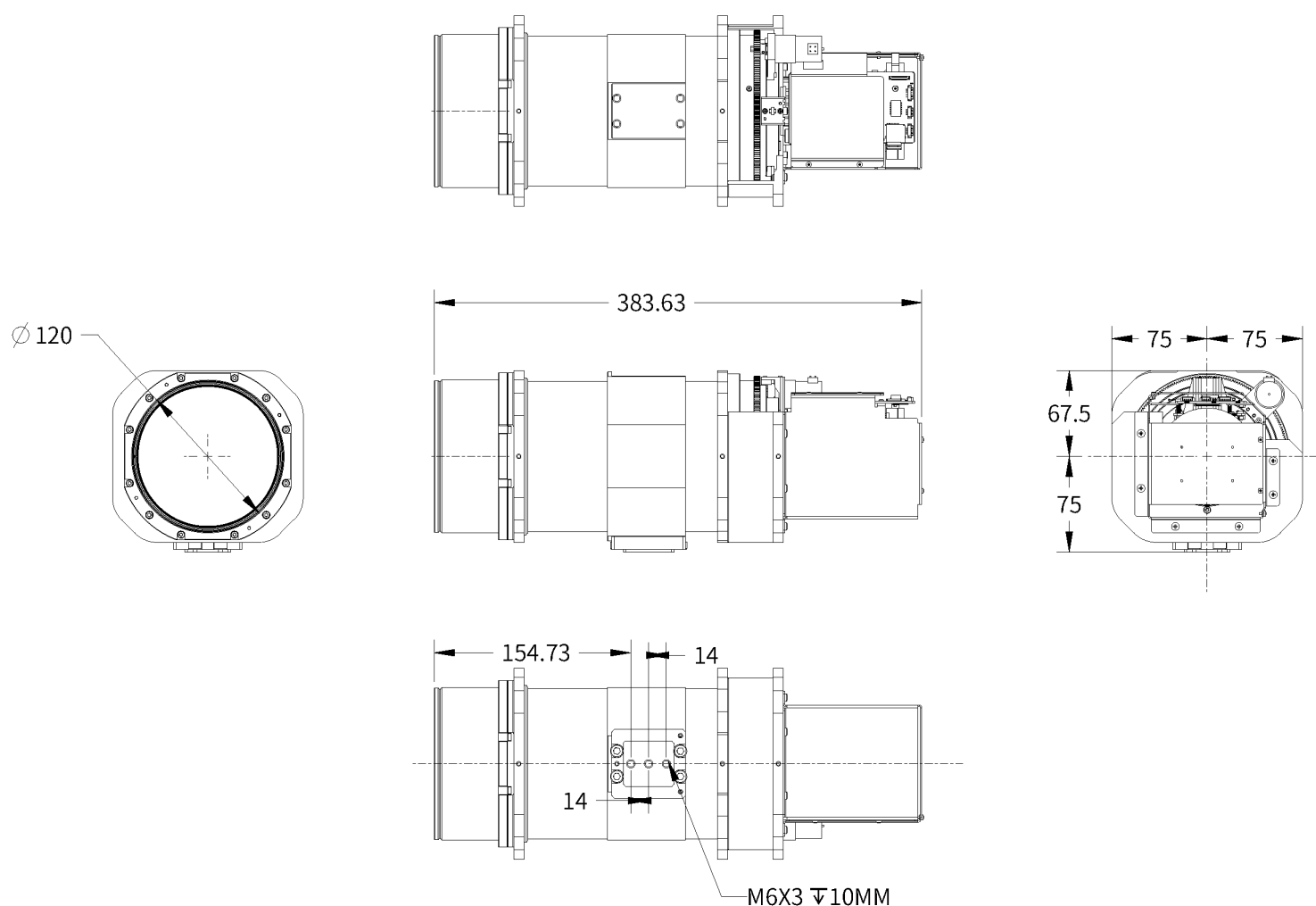
Customer Services
+86 0571-86939356
sales@viewsheen.com

Specification

Camera		
Sensor	Type	1/1.8" Sony Progressive Scan CMOS
	Effective Pixels	8.41M pixels
Lens	Focal Length	11.3 ~ 1000mm
	Optical Zoom	88×
	Aperture	FNo: 2.1 ~ 7.5
	HFOV	37.5° ~ 0.44°
	VFOV	21.6° ~ 0.25°
	DFOV	43.0° ~ 0.50°
	Close Focus Distance	5m ~ 10m (Wide ~ Tele)
	Zoom Speed	8 Sec (Optics, Wide ~ Tele)
Video & Audio Network	Compression	H.265/H.264/H.264H/MJPEG
	Resolution	RTSP: 3840*2160@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, GB28181, 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: 0.1Lux/F2.1;
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	Electronic-Defog / Optical-Defog
Image Stabilisation	Electronic Image Stabilisation (EIS)
Heat Haze Reduction	Support
Video Output	Network & LVDS
External Control	2 × TTL3.3V, Compatible with VISCA and PELCO protocols
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	5600g
Power Supply	+9 ~ +12V DC
Power Consumption	Avg: 6.5W; Max: 8.4W
Dimensions (mm)	Length * Width * Height: 383.63*150*142.5

Dimensions (mm)

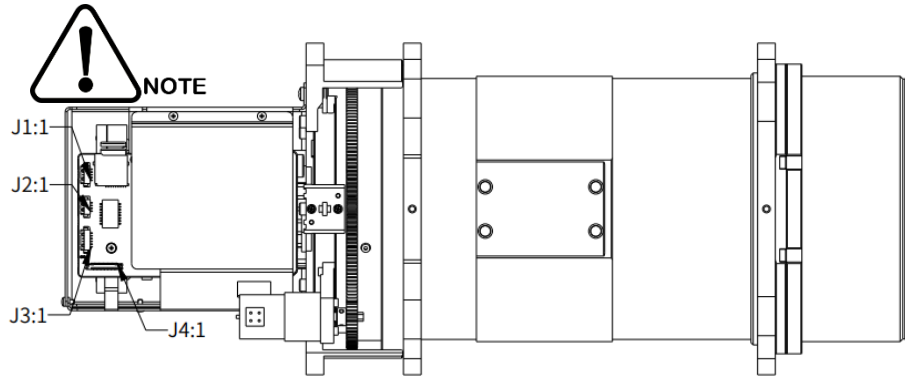


Interface



NOTE

Do not use LVDS cables longer than 50cm as this may prevent the device from functioning properly.



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+

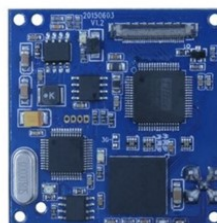
J3 (A1251-06A 1.25MM)	
1	+12V
2	GND
3	RXD1(TTL3.3V,Pelco)
4	TXD1(TTL3.3V,Pelco)
5	RXD0(TTL3.3V,Visca)
6	TXD0(TTL3.3V,Visca)

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 adapter board



LVDS Cable