3.5x 12Mp Network Camera Modules
VS-UAZ8003

VSHEEN

4K ULTRA HD | **Startlight** | **H.265** H E V C | **T F**

ICR D/N | **W D R** | **E I S** | **Defog**
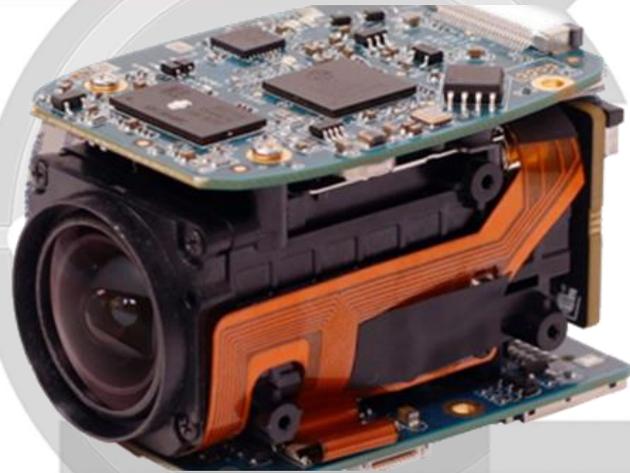
- 1/2.3" high sensitivity Back-illuminated image sensor, Ultra HD quality.
- 3.5 × optical zoom, 3.85mm-13.4mm, Fast and accurate autofocus.
- Max. Resolution: 4000 x 3000 @ 10fps.
- Support Smart Tracking.
- Supports Electronic-Defog, HLC, BLC, WDR, Suitable for a wide range of applications.
- Supports independent configuration of two sets of Day/Night Profiles.
- Supports H.265, Higher encoding compression rate.
- Supports triple streams, meet the varying demands of stream bandwidth and frame rate for live preview and storage.
- 3.5 × optical zoom, 3.85mm-13.4mm, Fast and accurate autofocus.
- Supports ONVIF, Compatible with VMS and network devices from leading manufacturers.
- Full functions: PTZ control, Alarm, Audio, OSD, etc.

www.viewsheen.com

Specification

Camera			
Sensor	Type	1/2.3" Sony Exmor CMOS Sensor.	
	Effective Pixels	1271M pixels	
Lens	Focal Length	3.85 ~ 13.4mm	
	Optical Zoom	3.5×	
	FOV	82° ~ 25°	
	Close Focus Distance	0.1m ~ 1.5m (Wide ~ Tele)	
	Zoom Speed	2.5 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@25/30fps; 720P@25/30fps; D1@25/30fps	
	Video Bit Rate	32kbps ~ 16Mbps	
	Audio Compression	AAC/MPEG2-Layer2	
	Storage Capabilities	TF card, up to 256GB	
	Network Protocols	Onvif ,HTTP, HTTPs, 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	0.5Lux/F2.4		
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		
Electronic-Defog	Support		
EIS	Support		

Smart Tracking	suoport
GPS information record	support
Flight log	support
Snapshot	support
Record	support
External Control	2× TTL3.3V, Compatible with VISCA and PELCO protocols
Video Output	Network
Baud Rate	9600 (Default)
Operating Conditions	-30℃ ～ +60℃; 20 % to 80 % RH
Storage Conditions	-40℃ ～ +70℃; 20 % to 95 % RH
Weight	55g
Power Supply	+9 ～ +12V DC
Power Consumption	Static: 3.5W; Max: 4.5W
Dimensions (mm)	Length * Width * Height：55*30*40

Dimensions (mm)
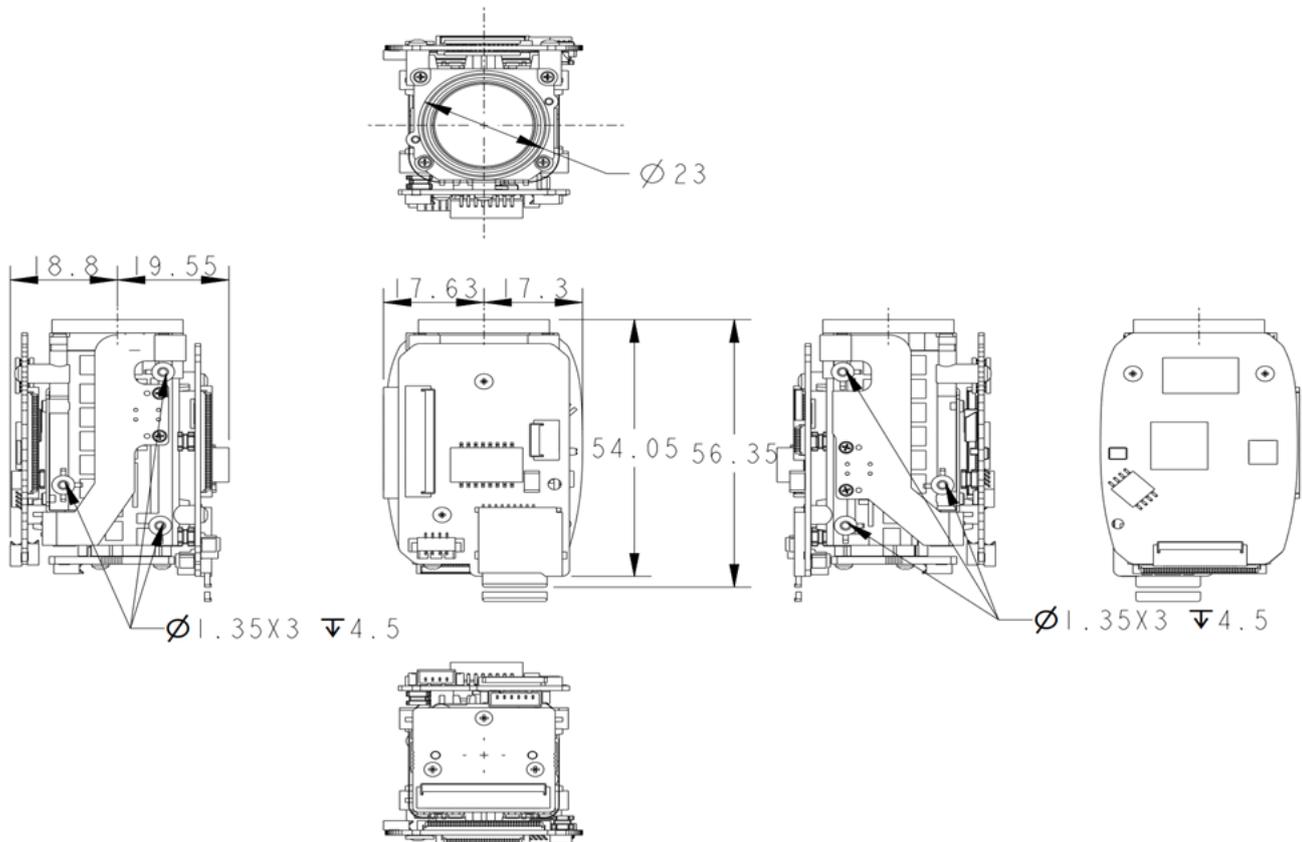
Interface
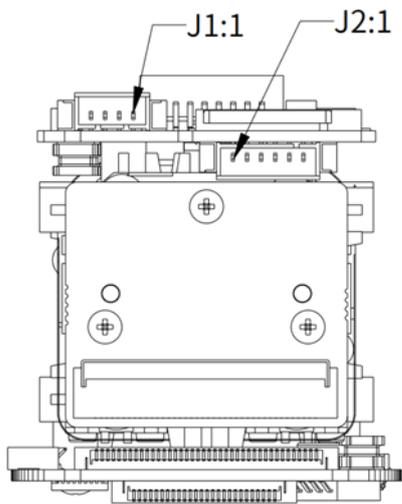
Type	No.	
J1	1	ETHRX -
	2	ETHRX +
	3	ETHTX -
	4	ETHTX +
J2	1	DC_IN
	2	GND
	3	RXD1
	4	TXD1
	5	RXD0
	6	TXD0