

640 25~75mm Continuous Zoom IP Thermal Module

ZV-LZRV07503HC

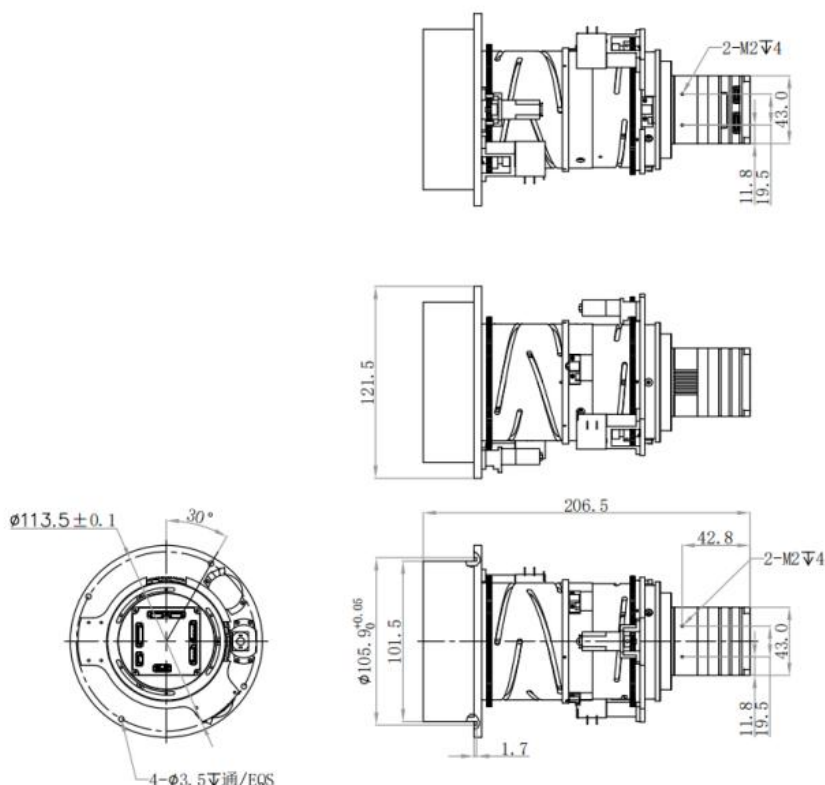


Feature

- 640 × 512, 12μm Uncooled VOx Microbolometer;
- NETD sensitivity ≤ 35 mK @ F1.0, 300K;
- 25~75mm Continuous Zoom, Auto-focus;
- Max. Resolution: 1280*1024 @ 25/30fps;
- FOV: 17.5°×14.0° ~ 5.9°×4.4° (Wide ~ Tele)
- Support various pseudo-colour;
- Support Network Output Video Stream and CVBS Interface;
- Reserved RS232, RS485;
- Reserve Audio (1 In/ 1 Out) and Alarm (1 In / 1 Out) Interfaces;
- Compatible with VISCA, PELCO-D/P and ONVIF.

Dimension

Unit: mm



Specifications

Camera

Detector type	Uncooled VOx Microbolometer
Effective Pixels	640 × 512
Pixel Pitch	12μm
Spectral Band	8 ~ 14μm
NETD	≤35 mK @F1.0, 300K

Lens

Focal Length	25 ~ 75mm, 3× Continuous Zoom Lens
Aperture Range	F0.9 ~ F1.1
FOV	17.5°×14.0° ~ 5.9°×4.4° (Wide ~ Tele)
Focusing Range	25mm: 5M–∞ / 75mm: 10M–∞
Sealing	IP67(front of lens)

Network

Video Compression	H.265 / H.264
Protocols	ONVIF (PROFILE S, PROFILE G), SDK, TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, SMTP, SNMP, IPv6
Intelligent Detection	Tripwire, Intrusion, Loitering, etc.

Image

Max. Resolution	30/25fps (1280 × 1024)
Image Settings	Saturation, Brightness, Contrast, Sharpness, etc.
Digital Zoom	4×
Pseudo Colours	10 Modes Available
Image Enhancement	Support
Image Filtering	Support
Dead Pixel Correction	Support
Noise Reduction	Support
Mirror	Support

Interface

Ethernet	100M Network Port
Analogue	CVBS
Digital	BT.656 (Optional)
Serial Port	1 channel RS232, 1 channel RS485
Functional Interface	Alarm (1 in / 1 out), audio (1 in / 1 out), USB
Storage	Micro SD / SDHC / SDXC card (Up to 512G), NAS (NFS, SMB / CIFS supported)

General

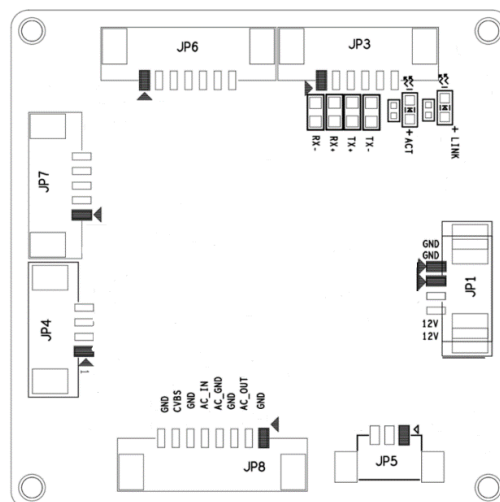
Operating Conditions	-30°C ~ 60°C; Humidity ≤ 95% (non-condensing)
Power Supply	12V DC ± 10%
Power Consumption	Max: 5.8W
Dimensions (Unit: mm)	121.5*206.5

No.	Pin Name
1	GND
2	12V DC

No.	Pin Name
1	TX-
2	TX+
3	RX+
4	RX-
5	LINK#
6	ACT#

No.	Pin Name
1	5V_DC
2	USB_DP
3	USB_DM
4	GND

No.	Pin Name
1	VCC
2	GND
3	RS232_RXD
4	RS232_TXD
5	GND
6	RS485-
7	RS485+



No.	Pin Name
1	ALM_OUT
2	ALM_IN
3	GND
4	SYS_RST_N
5	GND

No.	Pin Name
1	GND
2	LINEOUT
3	GND
4	GND
5	LINEIN
6	GND
7	CVBS
8	GND