

1280 100mm Motorized Lens IP Thermal Module

ZV-LESV100HC

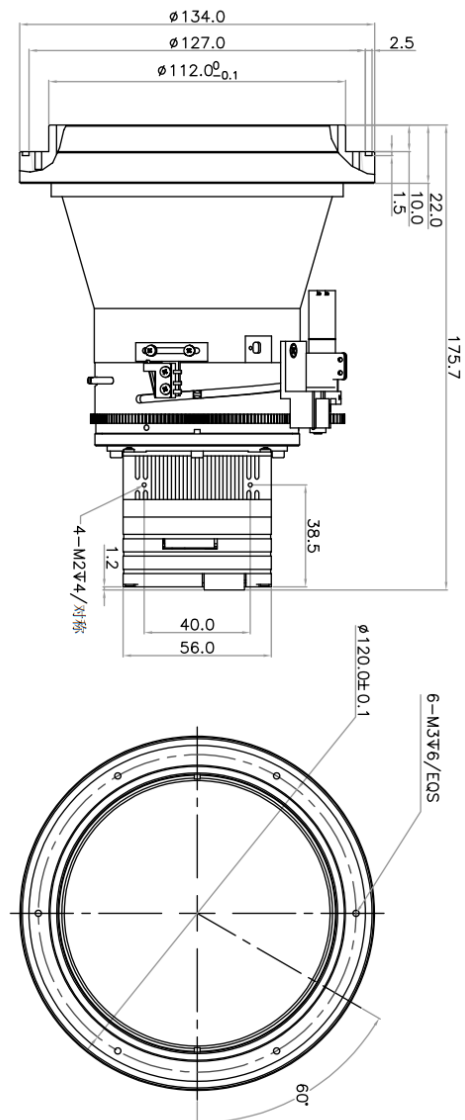


Feature

- 1280 × 1024, 12μm Uncooled VOx Microbolometer;
- NETD sensitivity ≤ 35 mK @ F1.0, 300K;
- 100mm Motorized Lens, Auto-focus;
- Max. Resolution: 1920*1080 @ 25/30fps;
- HFOV: 8.8° ~ 7.0° (Wide ~ Tele)
- Support various pseudo-colour;
- Support Network Output Video Stream;
- Reserved TTL 3.3V, 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	1280 × 1024
Pixel Pitch	12μm
Spectral Band	8 ~ 14μm
NETD	≤35 mK @F1.0, 300K

Lens

Focal Length	100mm Motorized Lens
Aperture Range	F1.0
FOV	8.8° ~ 7.0° (Wide ~ Tele)
Focusing Range	20M–∞
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.
Smart Intelligence (Optional)	Human/Vehicle/Vessel classification, Fire detection

Image

Max. Resolution	30/25fps (1920 × 1080)
Image Settings	Brightness, Contrast, Gamma, etc.
Digital Zoom	8×
Pseudo Colours	15 Modes Available
Image Enhancement	Support
Image Filtering	Support
Dead Pixel Correction	Support
Noise Reduction	Support
Mirror	Support

Interface

Ethernet	100M Network Port
Digital (Optional)	BT.1120
Serial Port	1 channel TTL 3.3V, 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)

General

Operating Conditions	-30°C ~ 60°C; Humidity ≤ 95% (non-condensing)
Power Supply	12V DC ± 10%
Power Consumption	Max: 6.9W
Dimensions (Unit: mm)	Φ112*175.7mm

Weight

1265g

JP1 Power MX1.25mm_2P

No.	Pin Name
1	GND
2	12V DC

JP3 Ethernet MX1.25mm_6P

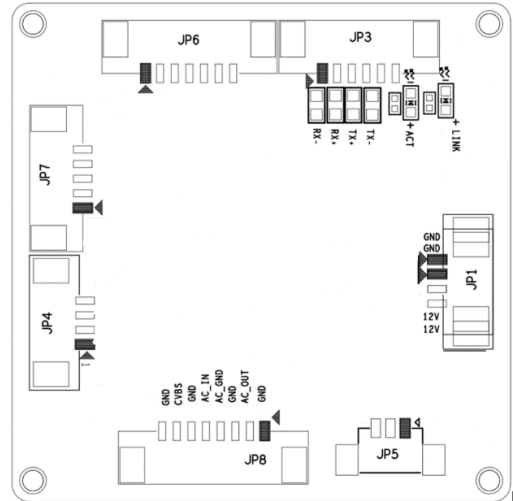
No.	Pin Name
1	TX-
2	TX+
3	RX+
4	RX-
5	LINK#
6	ACT#

JP4 USB2.0 MX1.25mm_4P

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

JP6 Serial Port MX1.25mm_7P

No.	Pin Name
1	VCC
2	GND
3	TTL_3.3V_RXD
4	TTL_3.3V_TXD
5	GND
6	RS485-
7	RS485+

**JP7 Analogue Switch MX1.25mm_5P**

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

JP8 Audio & Video MX1.25mm_8P

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