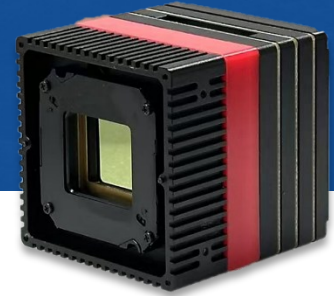


1280×1024 12μm HD Network Thermal Camera Core

ZV-LSV00H

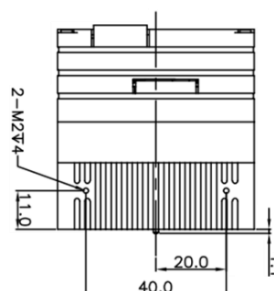
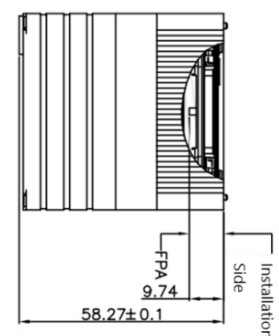
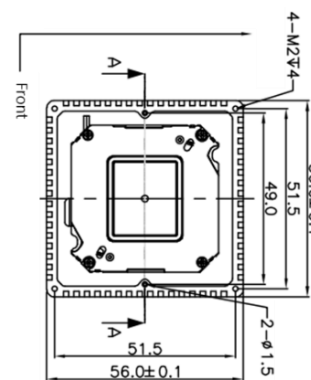
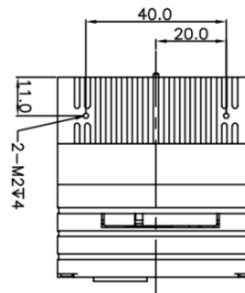


Feature

- 1280 × 1024, 12μm Uncooled VOx Microbolometer;
- NETD sensitivity ≤ 35 mK @F1.0, 300K;
- Max. Resolution: 1920*1280@25/30fps;
- Support Various Pseudo-Colour;
- Support Network Output Video Stream;
- Reserved TTL, 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

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
Smart Detection	Tripwire, Intrusion, Loitering, etc.
Intelligent Detection	Fire point detection, Detection, classification and tracking of humans/vehicles/vessel.

Image

Max. Resolution	30/25fps (1920 × 1080)
Image Settings	Saturation, Brightness, Contrast, Sharpness, etc.
Digital Zoom	4×
Pseudo Colours	10 Modes Available
Image Stabilization	Electronic Image Stabilisation (EIS)
Image Enhancement	Support
Image Filtering	Support
Dead Pixel Correction	Support
Noise Reduction	Support
Mirror	Support

Interface

Ethernet	100M Network Port
Digital	HDMI / BT.1120 (Optional)
Serial Port	1 channel TTL 3.0V, 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 ≤ 90% (non-condensing)
Power Supply	12V DC ± 10%
Power Consumption	Max: 5.0W
Dimensions (Unit: mm)	56*56*58.3
Weight	235g

JP2 Power MX1.25mm_4P

No.	Pin Name
1	GND
2	GND
3	12VDC
4	12VDC

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	UART_RXD
4	UART_TXD
5	GND
6	RS-485-
7	RS-485+

JP7 Alarm 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	NC
8	GND

