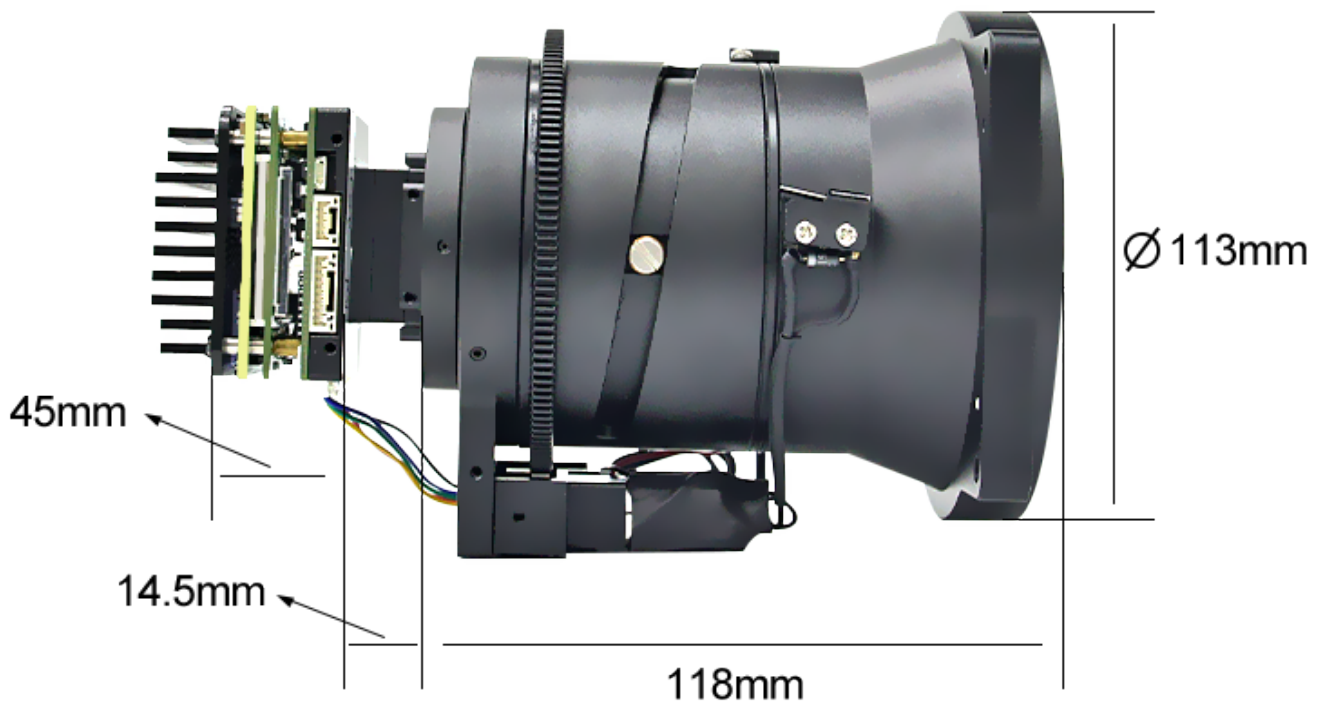


LWIR Thermal Camera

Features

- 1.High performance,high sensitivity,stable operation.
- 2.Compatible with a variety of fixed focus and motorized focus lenses to meet the diverse needs.
- 3.Access various systems with SDK and national standard protocol output.
- 4.Support overtemperature alarm,temperature difference alarm and interval alarm.
- 5.Common network protocols including ONVIF,RTSP,DHCP and others.



Single-module schematic diagram and 100mm/1.0 motorized focus lens

Specifications

Model	HF-MLM640100	
Thermalimaging	Detectortype	VanadiumOxide
	IR resolution	640*512
	Pixel pitch	12μm
	Spectral range	8~14μm
	NETD	≤55mk
	Lens	100mm/1.0 motorized focus lens
	FOV	60.4°x49.9°or 45.8°x37.3°
	Close-up distance	≤ 1m
	DDE	Support
	Digital zoom	x1/x2/x4
	Color palettes	White heat,black heat,iron red,reverse iron red,rainbow,lava,feather red, spring feather red,amber,iron ash,blue black,blue red,multicolored,RGB reverse color
	Measurement range	-20°C to 150°C,140°C to 600°C
	Measurement accuracy	Max(±2°C,±2%)
	Analysis tools	Spots,Line,Area temperature measurement. The area supports circles,squares,and irregular polygons.Up to 21 temperature measurement objects can be added
Video	Video compression	H.264,H.265
	Resolution	Main stream:1280x1024,640x512 Sub stream:640x512
	Frame rate	Main stream:1fps~25fps Sub stream:1fps~25fps
	Image format	JPEG
Function	Language	Chinese,English
	Voice intercom	Support
	Network protocol	HTTP,HTTPS,TCP,ARP,RTSP,RTP,UDP,RTCP,SMTP,FTP,DHCP, DNS,IPv4/v6,NTP
	Access standards	ONVIF,GB/T28181:2022,General monitoring system platform,Power Intelligent patrol platform
Port	API	ISAPI,SDK
	Network	RJ45,100M/1000M
	RS485	Support
	Alarm input	Support
Environmental parameters	Alarm output	Support
	Power supply	DC12V
	Power consumption	≤2.5W
	Operating temperature	-30°C~+60°C
Physical characteristics	Humidity	≤90%RH(no condensation)
	Storage temperature	-50°C ~+70°C
	Dimensions	45*45mm(camera module)+ 133x118mm(100mm/1.0 motorized focus lens)
	Weight	216g(camera module)+870g(100mm/1.0 motorized focus lens)