

LWIR thermal camera module (LS-LM)

LS-LM series · Infrared cameras · 11 models

Long-wave infrared thermal imaging camera module features a 640x512 resolution infrared detector, equipped with a high-performance 9.1mm anti-environmental interference lens and image processing algorithms tailored for specific scenarios.



Features

- High sensitivity, clear and stable imaging quality.
- High frame rate, fast moving target detection smooth.
- Highly integrated, convenient for secondary development.
- Small size, light weight, low power consumption.
- Multiple lens options, easy to deal with various scenarios.

Models

Model	Resolution	Len	Resolution ratio	Response band	Detector type (product page)	Pixel spacing	NETD
LS-LM64046	640×512	4.6mm	-	-	-	-	-
LS-LM64066	640×512	6.6mm	-	-	-	-	-
LS-LM64091	640×512	9.1mm	640x512	8~14μm(LWIR)	Vanadium Oxide	12μm	≤40mK
LS-LM64013	640×512	13mm	-	-	-	-	-
LS-LM64015	640×512	15mm	-	-	-	-	-

LS-LM64019	640×512	19mm	-	-	-	-	-
LS-LM64025	640×512	25mm	-	-	-	-	-
LS-LM64035	640×512	35mm	-	-	-	-	-
LS-LM64050	640×512	50mm	-	-	-	-	-
LS-LM38491	384×288	9.1mm	-	-	-	-	-
LS- MLM640100	640×512	100mm Motorized focus lens	640x512	8~14μm(LWIR)	Vanadium Oxide	12μm	≤50mK

More values per model (Pixth pitch, Detector type, Video output interface, Sensor, Pixel size (um), Lens, Frame Rate, Brightness, contrast, Polarity, Pseudo color, Magnification, Picture processing...) are on each product page.

Dimensions

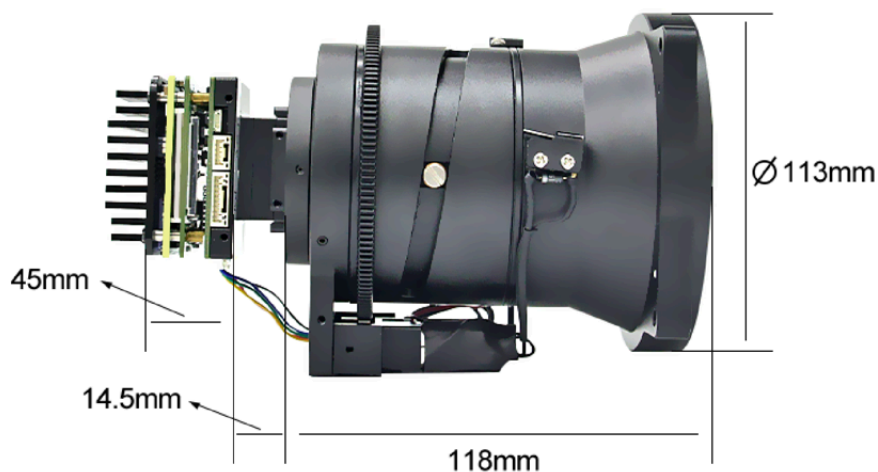
▲LS-MLM640100

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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

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Product views

