

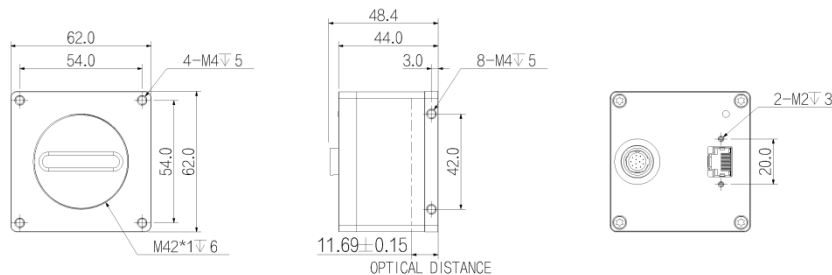
L5027MG140E

Product Features

- Support brightness enhancement, gamma correction, LUT and other ISP functions;
- Support PRNU correction in target bright field;
- Support various image formats of output data;
- Support DC12~24V wide-range power supply;
- Conform to CE, FCC, UL, RoHS certifications;



Dimensions (mm)



Technical Specifications

Model Name	L5027MG140E
Sensor	2K
Image Sensor	CMOS
Resolution	2048 x 1
Horizontal Scan Rate	49K
Bit Depth	12
Mono/Color	Mono
Pixel Size	14x14
S/N Ratio	large 39dB
WDR	66dB
Image Format	Mono8/10/12/10Packed/12Packed
ROI	Support
X Flip	Support
Gain	1~32
Gamma	From 0 to 4 , support LUT
Exposure Time	8 μ s~100ms
Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
FPN	Support
User Setting	Support two sets of user-defined configurations
Image Buffer	64MB image cache , 64MB data cache
Port	GigE
GPIO Interface	3 differential input, 1 differential output, 1 high-speed optocoupler single-end input and 1 GPIO
Lens Mount	M42 x 1
Power Supply	DC 12~24V power supply via 12-pin Hirose connector
Power Consumption	\approx 4.5W
Product Dimensions	62mm*62mm*43.5mm (Not including rear case connector)
Weight	245g
Working Environment	Storage : - 30°C~ 80°C ; Operation : - 30°C~ 50°C