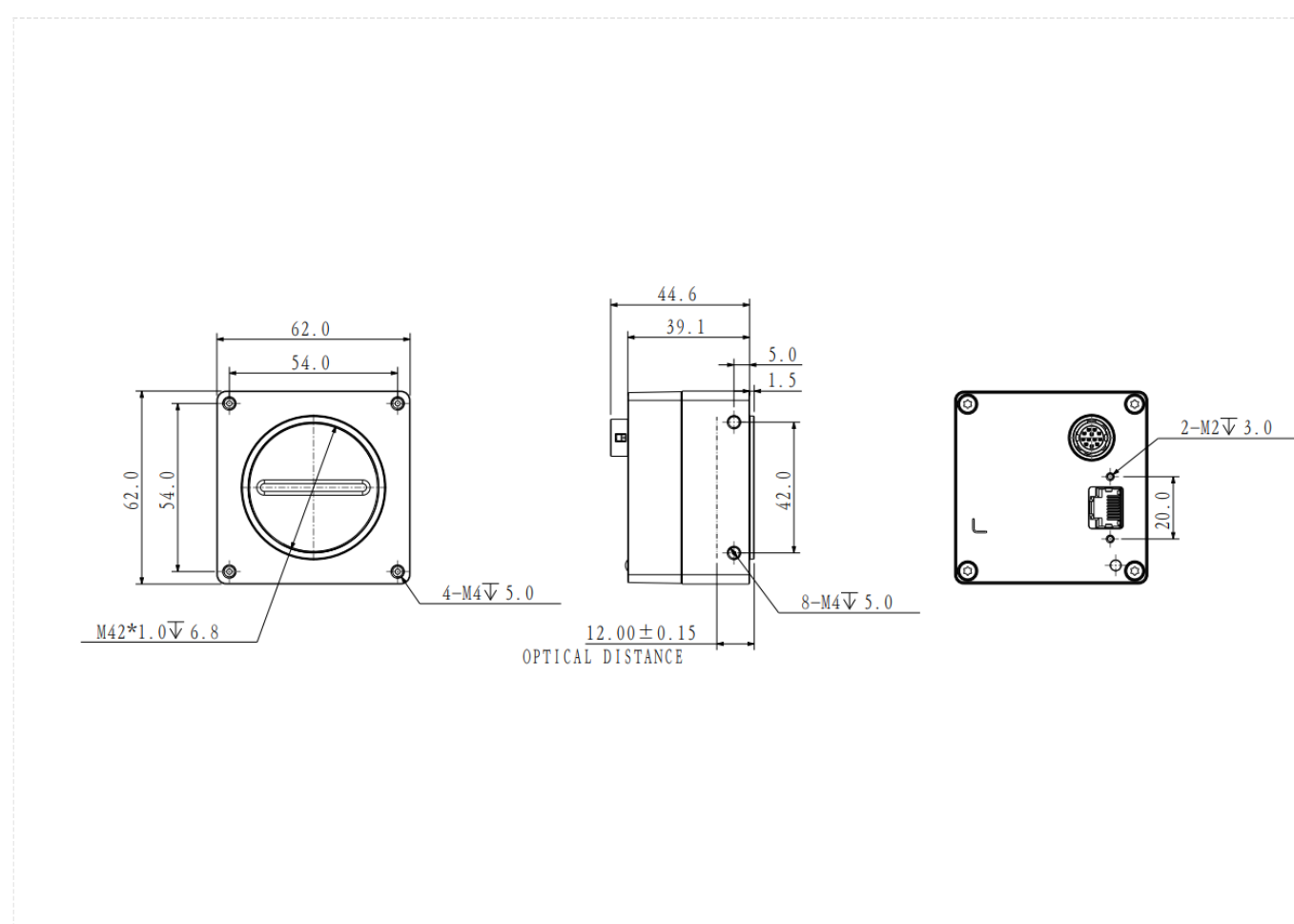# 5000 series

L5047CG440E

⫽ Features

● True color RGB line scan Industrial Camera, The resolution is 4K, the pixel size is 7μm, and the maximum line frequency can reach 29K , after compression the line frequency is 59k;

● High dynamic range, good signal-to-noise ratio, and excellent image quality;

● Support a variety of image data format output;

● Support 2TDI;

● Support multiple ROI, FPN correction;

● Support Gamma, LUT, automatic black level and other ISP functions;

● Support software trigger/hardware trigger/free run and other trigger modes;

● Compatible with GigE Vision V2.0 protocol and GenICam standard;

● Support DC12-24V wide voltage power supply;

⫽ Dimensions (mm)

Specification

Model		L5047CG440E
Basic	Sensor	4K
	Image Sensor	CMOS
	Shutter	Global
	Resolution	4096 × 3
	Line Rate	29 kHz,无损压缩下59K
	Bit Depth	12
	Mono/Color	Color
	Pixel Size	7 μm × 7 μm
Image	Pixel	4096 × 3
	S/N Ratio	40.2 db
	Dynamic Range	61.5 db
	Image Format	BayerRG8/RGB8/Mono8/YUV422Packed
	Binning	Support
	ROI	Support
	X Flip	Support
	Gain	1~32
	Gamma	From 0 to 4 , support LUT
	Exposure Time	4 μS~100 mS
	Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
	FPN	Support
Performance	User Setting	Support two sets of user-defined configurations
Port	Port	GigE
	GPIO Interface	12-pin Hirose interface for external power supply and external triggering; 2 differential/single-ended inputs, 1 differential configurable input or output, 1 high-speed optocoupler single-ended input, 1 GPIO configurable input or output
	Lens Mount	M42
Power	Power Supply	DC12-24V power supply
	Power Consumption	3.5 W
Structure	Product Dimensions	62 mm×62 mm×39.1 mm(Not including rear case connector)
	Net Weight	193 g
Environment	Storage Temperature	-30℃~+80℃
	Operating Temperature	-10℃~+50℃