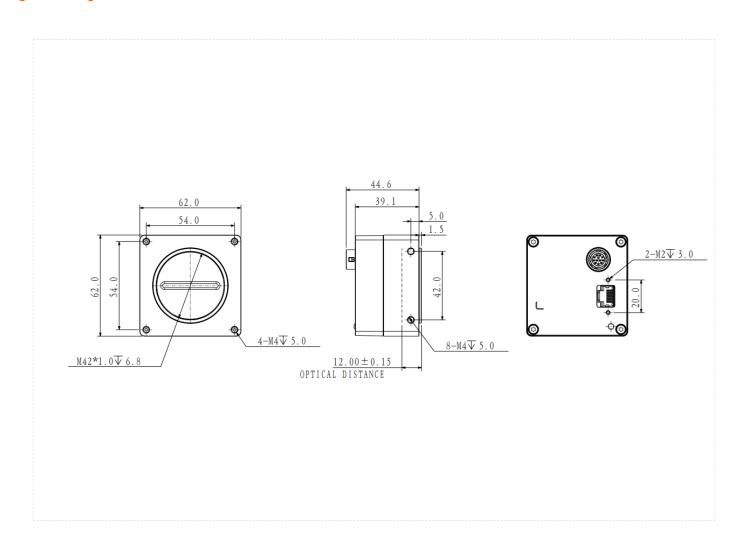
5000 series L5047CG440E



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

Park	Model		L5047CG440E
Shutter Global	Basic	Sensor	4K
Resolution 4096 × 3 Line Rate 29 kHz,完经压管下59K Bit Depth 12 Mono/Color Color Pixel Size 7 µm × 7 µm 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 Power GPIO Interface differential/single-ended inputs 1 differential configurable input or output 1 high-speed optocoupler single-ended input, 1 GPIO configurable input or output 1 high-speed optocoupler single-ended input, 1 GPIO configurable input or output Power Supply DC12-24V power supply Power Consumption 3.5 W Structure Find Time F		Image Sensor	CMOS
Line Rate 29 kHz 元級氏管下59K Bit Depth 12 Mono/Color Color Pixel Size 7 µm × 7 µm Pixel 4095 × 3 S/N Ratio 40.2 db Dynamic Range 61.5 db Image Format BayerRG8/RGB8/Mono8/YUV422Packed Binning Support X Flip Support Gain 1~32 Gamma From 0 to 4 , support LUT Exposure Time 4 µS~100 mS Tigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support Performance Port Gige Port Gige Lens Mount M42 Power Onsumption 3.5 W Product Dimensions 62 mm×62 mm×39.1 mm/(Not including rear case connector) Net Weight 193 g Storage Temperature -30°C~+80°C Software Trigger Time From 0 to 4 and the support supply and external triggering 2 and filterential form figurable input or output 1 and fingle-ended inputs 1 GPIO configurable input or output 2 and filterential filter		Shutter	Global
Line Rate 29 kHz.光陽圧能下59K Bit Depth 12 Mono/Color Color Pixel Size 7 µm × 7 µm 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 µ5~100 mS Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support Port GigE Port GigE Port GigE Power Power Supply DC12~24V power supply Power Onsumption 3.5 W Product Dimensions 62 mm×62 mm×39.1 mm/(Not including rear case connector) Net Weight 193 g Storage Temperature -30°C~+80°C Storage Temperature -30°C~+80°C Time		Resolution	4096 × 3
Mono/Color Color Pixel Size 7 μm × 7 μm Pixel 4096 x 3 S/N Ratio 40.2 db Dynamic Range 61.5 db Image Format BayerRG8/RGB8/Mono8/YUV422Packed Binning 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 Port GigE Port GigE GPIO Interface 12-pin Hirose interface for external power supply and external triggering; 2 differential/single-ended input, 1 differential configurable input or output, 1 high-speed optocoupler single-ended input, 1 GPIO configurable input or output, 1 high-speed optocoupler single-ended input, 1 GPIO configurable input or output Power Power Supply DC12-24V power supply Power Consumption 3.5 W Structure Net Weight 193 g Environment 400cc~+80°C		Line Rate	29 kHz,无损压缩下59K
Pixel Size 7 μm × 7 μm		Bit Depth	12
Pixel		Mono/Color	Color
S/N Ratio 40.2 db		Pixel Size	7 μm × 7 μm
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 Port GigE GPIO Interface 12-pin Hirose interface for external power supply and external triggering; 2 differential/single-ended input, 1 differential configurable input or output, 1 high-speed optocoupler single-ended input, 1 GPIO configurable input or output Lens Mount M42 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 Storage Temperature -30°C~+80°C	Image	Pixel	4096 × 3
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 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, 1 high-speed optocoupler single-ended Input, 1 GPIO configurable input or output Power Power Supply DC12-24V power supply Power Consumption 3.5 W Structure Product Dimensions 62 mm×39.1 mm(Not including rear case connector) Net Weight 193 g Storage Temperature -30°C~+80°C		S/N Ratio	40.2 db
Binning Support		Dynamic Range	61.5 db
Image 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 GigE Port GigE GPIO Interface 12-pin Hirose interface for external power supply and external triggering; 2 differential/single-ended input, 1 differential configurable input or output, 1 high-speed optocoupler single-ended input, 1 GPIO configurable input or output Lens Mount M42 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 Storage Temperature -30°C~+80°C		Image Format	BayerRG8/RGB8/Mono8/YUV422Packed
Image X Flip Support Gain 1~32 Gamma From 0 to 4 , support LUT Exposure Time 4 µS~100 mS Trigger Mode FPN Support Verformance Performance Port GigE 12-pin Hirose interface for external power supply and external triggering; 2 differential/single-ended input, 1 differential configurable input or output, 1 high-speed optocoupler single-ended input, 1 GPIO configurable input or output Lens Mount M42 Power Supply Power Consumption Structure Product Dimensions 62 mm×62 mm×39.1 mm(Not including rear case connector) Net Weight 193 g Storage Temperature -30°C~+80°C		Binning	Support
Support		ROI	Support
Gamma From 0 to 4 , support LUT		X Flip	Support
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 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 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°C~+80°C		Gain	1~32
Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support Performance User Setting Support two sets of user-defined configurations Port GigE 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 Supply Power Consumption 3.5 W Product Dimensions 62 mm×62 mm×39.1 mm(Not including rear case connector) Net Weight 193 g Storage Temperature -30°C~+80°C		Gamma	From 0 to 4, support LUT
FPN Support Performance User Setting Support two sets of user-defined configurations 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 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 Storage Temperature -30°C~+80°C		Exposure Time	4 μS~100 mS
Performance User Setting Support two sets of user-defined configurations Port GigE 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 Supply Power Consumption 3.5 W Product Dimensions 62 mm×62 mm×39.1 mm(Not including rear case connector) Net Weight 193 g Storage Temperature -30°C~+80°C		Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
Port GigE 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 Supply DC12-24V power supply Power Consumption 3.5 W Product Dimensions 62 mm×62 mm×39.1 mm(Not including rear case connector) Net Weight 193 g Storage Temperature -30°C~+80°C		FPN	Support
Port GPIO Interface 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 Supply Power Consumption 3.5 W Product Dimensions 62 mm×62 mm×39.1 mm(Not including rear case connector) Net Weight 193 g Storage Temperature -30°C~+80°C	Performance	User Setting	Support two sets of user-defined configurations
Port GPIO Interface 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 Supply DC12-24V power supply Power Consumption 3.5 W Product Dimensions 62 mm×62 mm×39.1 mm(Not including rear case connector) Net Weight 193 g Storage Temperature -30°C~+80°C	Port	Port	GigE
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 Storage Temperature -30°C~+80°C		GPIO Interface	differential/single-ended inputs, 1 differential configurable input or output, 1
Power Consumption 3.5 W Structure Product Dimensions 62 mm×62 mm×39.1 mm(Not including rear case connector) Net Weight 193 g Storage Temperature -30°C~+80°C		Lens Mount	M42
Power Consumption 3.5 W Structure Product Dimensions 62 mm×62 mm×39.1 mm(Not including rear case connector) Net Weight 193 g Storage Temperature -30°C~+80°C	Power	Power Supply	DC12-24V power supply
Structure Net Weight 193 g Storage Temperature -30°C~+80°C Environment		Power Consumption	3.5 W
Net Weight 193 g Storage Temperature -30°C~+80°C	Structure	Product Dimensions	62 mm×62 mm×39.1 mm(Not including rear case connector)
Environment		Net Weight	193 g
	Environment	Storage Temperature	-30°C~+80°C
		Operating Temperature	-10°C~+50°C