5000 series L5162MK170E

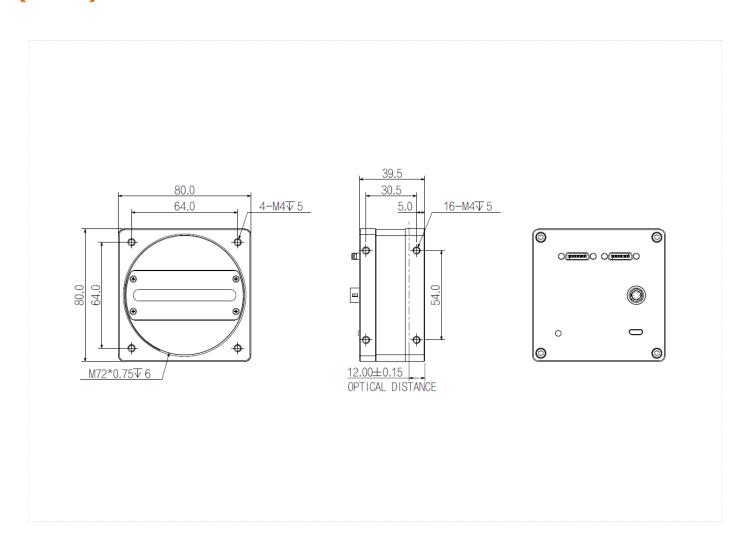


Features

RAYPLE

- CameraLink supports Full, Medium, Base and Deca mode with maximum 6.8Gbps bandwidth;
- Supports external trigger, free run mode and multiple modes;
- Supports Gamma correction, LUT and other ISP functions;
- Applies DC 24V power supply;
- Compatible with Cameralink protocol and GenICam standard;
- Comply with CE, FCC, UL, RoHS certifications.

Dimensions (mm)





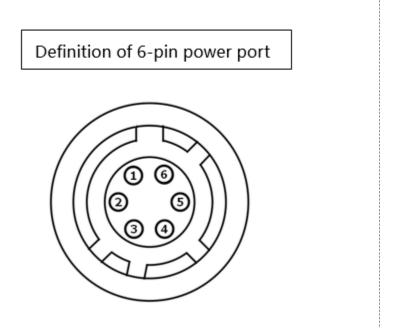
Specification

Basic	Model		L5162MK170E
Shutter	Basic	Sensor	16 K
Basic Resolution 16384 × 1 Line Rate 50 kHz Bit Depth 12 Mono/Color Mono Pixel Size 3.5 μm × 3.5 μm Fixed Jean 16384 × 1 S/N Ratio 44 db WDR 64 db Image Format Mono8/10 Binning Support ROI Support Gain 1~32 Gamma From 0 to 4 , support LUT Exposure Time 3 μs-100 ms Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support Outer Setting Support two sets of user-defined configurations Pixel Clock 34/51/68/95MHz Port CameraLink Lens Mount M72 Power Supply DC12-24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g <t< td=""><td>Image Sensor</td><td>CMOS</td></t<>		Image Sensor	CMOS
Line Rate 50 kHz Bit Depth 12 Mono/Color Mono Pixel Size 3.5 μm × 3.5 μm Fixel 16384 × 1 S/N Ratio 44 db WDR 64 db Image Format Mono8/10 Binning Support ROI Support X Flip Support Gain 1-32 Gamma From 0 to 4 , support LUT Exposure Time 3 μs-100 ms Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support Performance Pox Support Oxford Support Oxford Support CameraLink Port CameraLink Power Supply DC12-24V power supply Power Consumption 6 W Structure Net Weight 360 g Storage Temperature -30°C~+80°C Trigger Mode -30°C~+80°C Storage Temperature -30°C~+80°C Storage Temperature -30°C~+80°C CameraLink		Shutter	Global
Line Rate 50 kHz Bit Depth 12 Mono/Color Mono Pixel Size 3.5 μm × 3.5 μm Pixel 16384 × 1 S/N Ratio 44 db WDR 64 db Image Format Mono8/10 Binning Support ROI Support X Flip Support Gain 1~32 Gamma From 0 to 4 , support LUT Exposure Time 3 μs~100 ms Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support Performance Pixel Clock 34/51/68/85MHz Port CameraLink Power Supply DC12~24V power supply Power Consumption 6 W Structure Structure Frod Camerature -30°C~+80°C Storage Temperature -30°C~+80°C Storage Temperature		Resolution	16384 × 1
Mono/Color Mono		Line Rate	50 kHz
Pixel Size 3.5 μm × 3.5 μm		Bit Depth	12
Pixel 16384 × 1 S/N Ratio 44 db WDR 64 db Image Format Mono8/10 Binning Support ROI Support Tx Flip Support Gain 1~32 Gamma From 0 to 4 , support LUT Exposure Time 3 μs~100 ms Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support Output Performance Pixel Clock 34/51/68/85MHz Port CameraLink Lens Mount M72 Power Supply DC12~24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature -30°C~+80°C Storage Temperature -30°C~+80°C Storage Temperature -30°C~+80°C Trigger Mode 10 mm ×		Mono/Color	Mono
S/N Ratio		Pixel Size	3.5 μm × 3.5 μm
MDR 64 db Image Format Mono8/10 Binning Support ROI Support X Flip Support Gain 1~32 Gamma From 0 to 4 , support LUT Exposure Time 3 μs~100 ms Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support Ouser Setting Support two sets of user-defined configurations Pixel Clock 34/51/68/85MHz Port CameraLink Lens Mount M72 Power Supply DC12~24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature -30℃~+80℃		Pixel	16384 × 1
Image Image Format Mono8/10 Binning Support ROI Support X Flip Support Gain 1~32 Gamma From 0 to 4 , support LUT Exposure Time 3 μs~100 ms Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support Support Support two sets of user-defined configurations Pixel Clock 34/51/68/85MHz Port CameraLink Lens Mount M72 Power Power Supply DC12~24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature -30°C~+80°C		S/N Ratio	44 db
Support ROI Support X Flip Support Gain 1~32 Gamma From 0 to 4 , support LUT Exposure Time 3 μs~100 ms Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support Performance User Setting Support two sets of user-defined configurations Pixel Clock 34/51/68/85MHz Lens Mount M72 Power Lens Mount M72 Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature - 30°C ~ +80°C		WDR	64 db
ROI Support X Flip Support Gain 1~32 Gamma From 0 to 4 , support LUT Exposure Time 3 μs~100 ms Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support User Setting Support two sets of user-defined configurations Pixel Clock 34/51/68/85MHz Port CameraLink Lens Mount M72 Power Supply DC12~24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature - 30°C~+80°C		Image Format	Mono8/10
Image X Flip Support Gain 1~32 Gamma From 0 to 4 , support LUT Exposure Time 3 μs~100 ms Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support User Setting Support two sets of user-defined configurations Pixel Clock 34/51/68/85MHz Port CameraLink Lens Mount M72 Power Supply Power Supply DC12~24V power supply Power Consumption 6 W Structure Net Weight 360 g Storage Temperature - 30°C~+80°C		Binning	Support
X Flip Support	Imaga	ROI	Support
From 0 to 4 , support LUT Exposure Time 3 µs~100 ms Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support User Setting Support two sets of user-defined configurations Pixel Clock 34/51/68/85MHz Port CameraLink Lens Mount M72 Power Supply DC12~24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature -30°C~+80°C	image	X Flip	Support
Exposure Time 3 μs~100 ms Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support User Setting Support two sets of user-defined configurations Pixel Clock 34/51/68/85MHz Port CameraLink Lens Mount M72 Power Supply DC12~24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature - 30°C~+80°C		Gain	1~32
Trigger Mode Software Trigger/Hardware Trigger/Free Run Mode FPN Support User Setting Support two sets of user-defined configurations Pixel Clock 34/51/68/85MHz Port CameraLink Lens Mount M72 Power Supply DC12~24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature -30°C~+80°C		Gamma	From 0 to 4, support LUT
FPN Support User Setting Support two sets of user-defined configurations Pixel Clock 34/51/68/85MHz Port CameraLink Lens Mount M72 Power Supply DC12~24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature - 30°C~+80°C		Exposure Time	3 μs~100 ms
Performance User Setting Support two sets of user-defined configurations		Trigger Mode	Software Trigger/Hardware Trigger/Free Run Mode
Performance Pixel Clock 34/51/68/85MHz Port CameraLink Lens Mount M72 Power Supply Power Consumption 6 W Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature - 30°C~+80°C		FPN	Support
Port CameraLink Lens Mount M72 Power Supply DC12~24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature - 30°C~+80°C	Performance	User Setting	Support two sets of user-defined configurations
Power Supply DC12~24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature - 30°C~+80°C	renonnance	Pixel Clock	34/51/68/85MHz
Power Power Supply DC12~24V power supply Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature - 30°C~+80°C	Dort	Port	CameraLink
Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature - 30°C∼+80°C	roit	Lens Mount	M72
Power Consumption 6 W Structure Product Dimensions 80 mm × 80 mm × 39.5 mm (Not including rear case connector) Net Weight 360 g Storage Temperature - 30°C~+80°C	Power	Power Supply	DC12~24V power supply
Structure Net Weight 360 g Storage Temperature - 30°C∼+80°C		Power Consumption	6 W
Net Weight 360 g Storage Temperature - 30°C∼+80°C	Structure	Product Dimensions	80 mm × 80 mm × 39.5 mm (Not including rear case connector)
		Net Weight	360 g
	Environment	Storage Temperature	- 30°C~+80°C
Operating Temperature - 30°C~+50°C		Operating Temperature	- 30°C∼+50°C



Connector Pin-out

Definitions of camera 6-pin ports:		
Pin	Description	Features
1	Power	+ 12 VDC to 24 VDC power supply
2		not connected
3		
4		
5		
6	GND	Camera DC power ground



Spectrogram

