

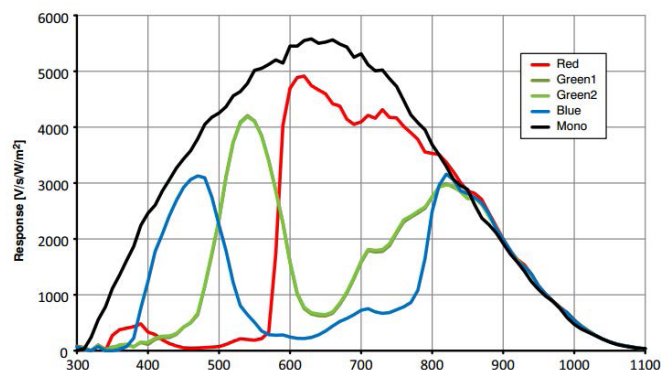
- 5MP resolution @71.8 fps
- USB 3.0 interface with plug and play capability, USB3.0 power supply
- Compatible with USB3 Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard.
- Support Windows and Linux



Applied range • Defect Detection • Surface Patch Detection • Visual Positioning • Size Measuring • QR Code Reading • VR/AR • Logistics

Camera	LEO 5000P-72um/uc
Resolution [H*V]	2592 × 2048
Sensor	ON Semiconductor PYTHON 5000
Sensor Size	1"
Sensor Technology	Global, CMOS
Pixel Size [μm]	4.8 × 4.8
Frame Rate [fps]	71.8
Data Bit	8bit / 10bit / 12bit
Exposure Time	59μs~10s
Dynamic Range	57.5dB
Mono/Color	Mono/Color
Image Format	Monochrome: Mono8/10/10p/12/12p Color: Mono 8/10/12,Bayer BG 8/10/10p/12/12p, YUV422Packed,YUV422_YUYV_Packed,RGB 8,BGR 8
Interface	USB 3.0
Synchronization	Via hardware trigger、software trigger or free run mode
Programmable Control [ISP]	Image resolution、RGB gain、Exposure time、Contrast ratio、Gamma form、Image rollovers、Raw、LUT、Black level correction
Housing Size [l*w*h]	29.0 mm × 29.0 mm × 30.0 mm (55g)
Operating Temperature	-30~70 ° C (Storage), 0~50° C (Working)
Lenses Mount	C-Mount
Digital I/O	Opto-isolated input x 1, opto-isolated output x 1, and bi-directional custom non-isolated I/O x 1
Power Input	DC 12V, Supporting USB
Power Consumption	5V @3.5W
Driver	LEO Series Camera Software Suite (iDatum) or 3rd party USB3 Vision Software
Operating System	Windows, Linux
Conformity	USB3 Vision, GenICam

Spectral Response



Dimensions

