

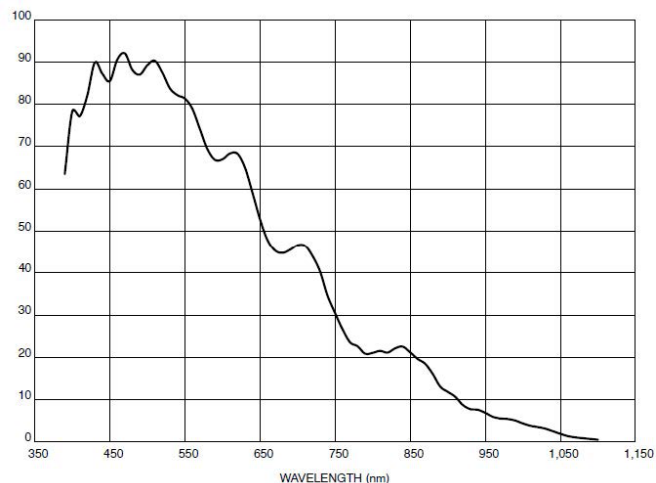
- 5MP resolution @44.7 fps
- USB 3.0 interface with plug and play capability, USB3.0 power supply
- Compatible with USB3 Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard
- Support Windows and Linux



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

Camera	LEO 5000A-45um
Resolution [H*V]	2592 × 1944
Sensor	Aptina AR0521
Sensor Size	1/2.5"
Sensor Technology	Rolling, CMOS
Pixel Size [μm]	2.2 × 2.2
Frame Rate [fps]	44.7
Data Bit	8bit / 10bit / 12bit
Exposure Time	28μs~0.6s
Dynamic Range	60dB
Mono/Color	Mono
Image Format	Mono8/10/10p/12/12p
Interface	USB 3.0
Synchronization	Via hardware trigger, software trigger or free run mode
Programmable Control [ISP]	Image resolution, 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 (80g)
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 9-24V, Supporting USB
Power Consumption	5V @2.5W
Driver	LEO Series Camera Software Suite or 3rd party USB3 Vision Software
Operating System	Windows, Linux, Arm
Conformity	USB3 Vision, GenICam

Spectral Response



Dimensions

