

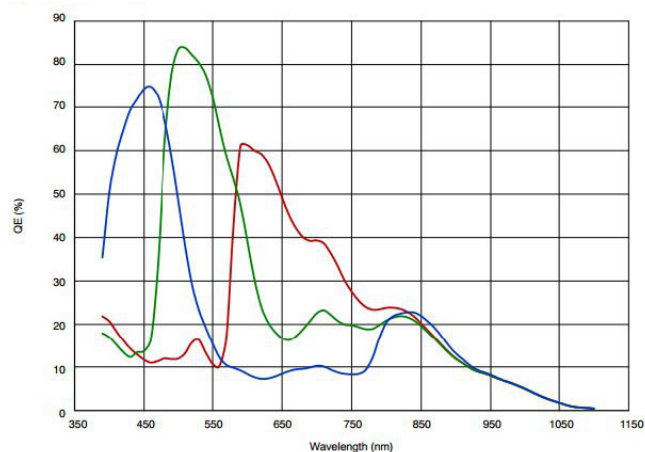
- 5MP resolution @44.7 fps
- USB 3.0 interface with plug and play capability, USB3.0 power supply
- Compatible with USB3 Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard.
- Support Windows and Linux



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

Camera	LEO 5000A-45uc
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	Color
Image Format	Mono 8/10/12,Bayer GR 8/10/10p/12/12p, YUV422_YUYV_Packed,YUV 422 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 × 29.0 × 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 @2.5W
Driver	LEO Series Camera Software Suite (iDatum) or 3rd party USB3 Vision Software
Operating System	Windows, Linux
Conformity	USB3 Vision, GenICam

### Spectral Response



### Dimensions

