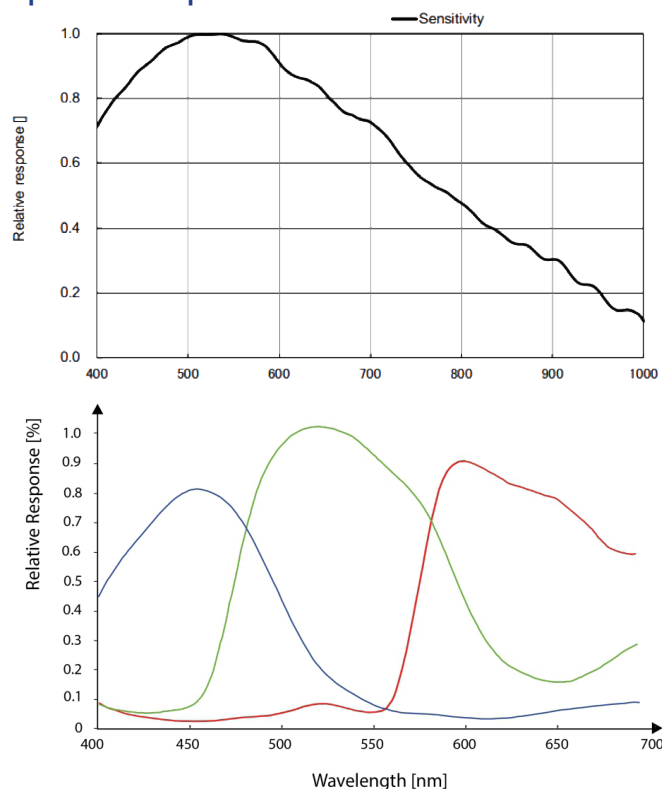


- 12MP resolution @28 fps(Mono) / 21fps(Color)
- USB 3.0 interface with plug and play capability, USB3.0 power supply
- Compatible with USB3 Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard.
- Support Windows and Linux

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

Camera	LEO 4020S-28um/21uc-BC
Resolution [H*V]	4000 × 3036
Sensor	Sony IMX226
Sensor Size	1/1.7"
Sensor Technology	Rolling, CMOS
Pixel Size [μm]	1.85 × 1.85
Frame Rate [fps]	Monochrome: 28 Color: 21
Data Bit	8bit / 10bit / 12bit
Exposure Time	Monochrome: 11μs~2s Color: 23μs~2s
Dynamic Range	>70dB
Mono/Color	Mono/Color
Image Format	Monochrome: Mono8/10/10p/12/12p Color: Mono 8/10/12,Bayer RG 8/10/10p/12/12p, YUV422Packed,YUV422_YUYV_Packed,RGB8
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]	35 × 35 × 8.6 mm (30g)
Operating Temperature	-30~70 ° C (Storage), 0~50° C (Working)
Lenses Mount	C-Mount
Digital I/O	bi-directional custom non-isolated I/O x 2
Power Input	Supporting USB3.0
Power Consumption	5V @<2.5W
Driver	LEO Series Camera Software Suite or 3rd party USB3 Vision Software
Operating System	Windows, Linux
Conformity	USB3 Vision, GenICam

### Spectral Response



### Dimensions

