Vision Datum

LEO Series Area Scan Cameras

CoaXPress®

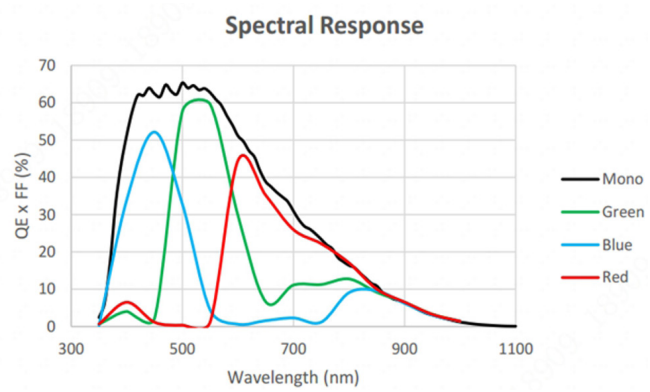
LEO 65MG-32xm/xc

- 65MP resolution @31.5 fps
- Adopts CXP-6 interface to transmit data
- Global shutter CMOS, high dynamic range, good signal-to-noise ratio, excellent image quality
- Compatible with CoaXPress Protocol, GenICam Standard, and the third-party software based on these protocol and standard
- Support Windows

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

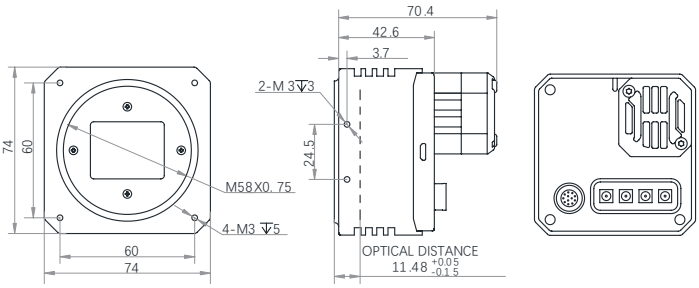
Camera	LEO 65MG-32xm/xc
Resolution [H*V]	Mono: 9216 × 7000 Color: 9344 × 7000
Sensor	Gpixel GMAX3265
Sensor Size	29.9 mm × 22.4 mm
Sensor Tecchnology	Global, CMOS
Pixel Pize [μm]	3.2 × 3.2
Rrame Rate [fps]	31.5
Data Bit	8bit / 10bit / 12bit
Exposure Time	14μs~10s
Dynamic Range	66dB
Mono/Color	Mono / Color
Image Format	Mono: Mono 8/10/12 Color: Bayer BG 8/10/12
Interface	CoaXPress（DIN port）
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]	M58 (With fan):74 × 74 × 70.8 mm (540g) F-Mount (With fan):74 × 74 × 76.8 mm(650g)
Operating Temperature	-30~70 ° C (Storage), 0~50° C (Working)
Lenses Mount	M58, BFL 11.48 mm F-Mount, BFL 46.5mm
Digital I/O	Opto-isolated input x 1, opto-isolated output x 1, bi-directional custom non-isolated I/O x 1,RS232 x 1
Power Input	DC 9-24V
Power Consumption	Mono: 12V @13.4W Color: 12V @14.2W
Driver	Frame Grabber Software Compliant With CoaXPress Protocol
Operating System	Windows
Conformity	CoaXPress,GenICam

Spectral Response

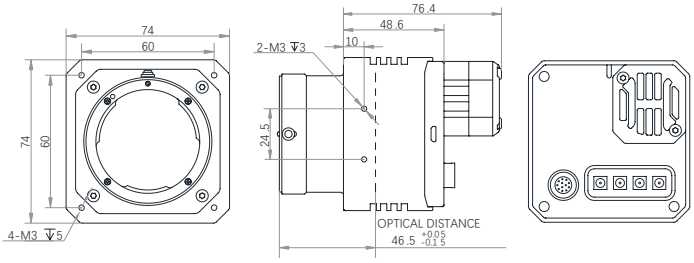


Dimensions

M58(With fan):



F-Mount (With fan):



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