ContrasTech

LEO Series Line Scan Cameras

GiGE VISION

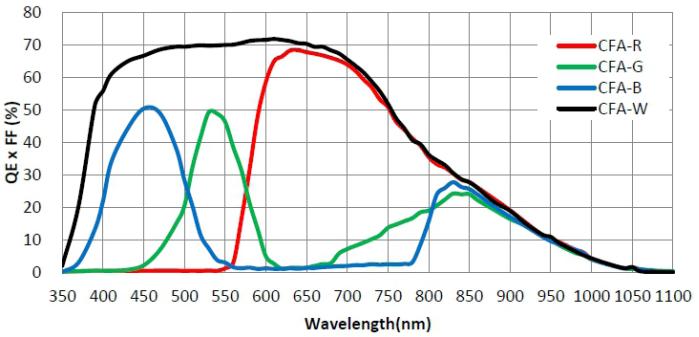
LEO 8192G-L14gc

- 8K @14 KHz
- Adopts GigE interface and max. transmission distance of 100 meters without relay
- Compatible with GigE Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard
- Support Windows、Linux
- Up to 512 MB local memory for burst transmission and retransmission

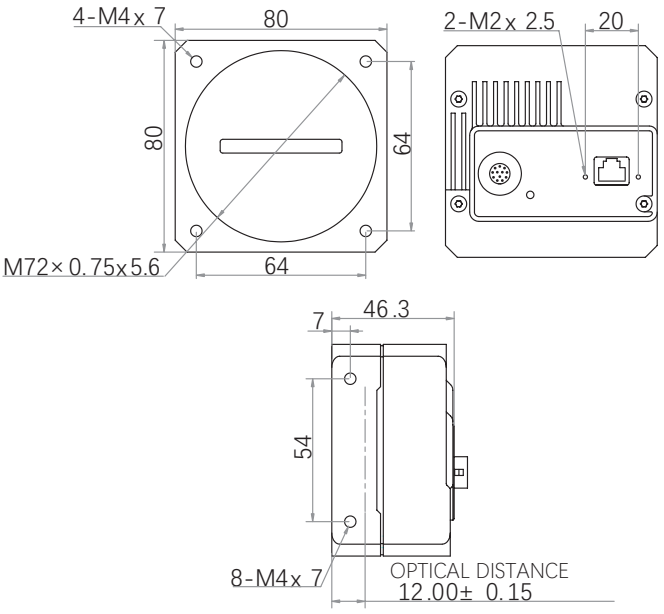
Applied range • Printing • Textile • Railway • Logistics • Metallurgy • Food • Pharmaceutical • Material sorting

Camera	LEO 8192G-L14gc
Resolution [H*V]	8192 × 6
Sensor Type	CMOS
Pixel Pize [μm]	5 × 5
Line Frequency [KHz]	14 kHz@ Bayer 8/ Mono 8、 7 kHz@Bayer 10/Mono 10、 4.7 kHz@RGB 8/BGR 8 ; HB: 40 kHz@Bayer 8、 20 kHz@Bayer 10、 14 kHz@RGB 8
Data Bit	8bit / 10bit
Exposure Time	3μs~10ms
Dynamic Range	54.8dB
Mono/Color	Color
Image Format	Mono 8/10, Bayer RG 8/10, RGB 8, BGR 8
Interface	GigE
Synchronization	Via hardware trigger、software trigger or free run mode
Programmable Control [ISP]	Image resolution、RGB gain、Exposure time、Gamma form、Image rollovers、Raw、 LUT、Black level correction
Housing Size [l*w*h]	80.0 × 80.0 × 46.3 mm (465g)
Operating Temperature	-30~80 ° C (Storage), -20~56° C (Working)
Lenses Mount	M72*0.75, BFL 12 mm
Digital I/O	Configurable output and input × 4, supports single-end/differential
Power Input	DC 12-24V
Power Consumption	12V @13W
Driver	LEO Series Camera Software Suite (iDatum) or 3rd party GigE Vision Software
Operating System	Windows,Linux
Conformity	GigE Vision,GenICam

Spectral Response



Dimensions



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