

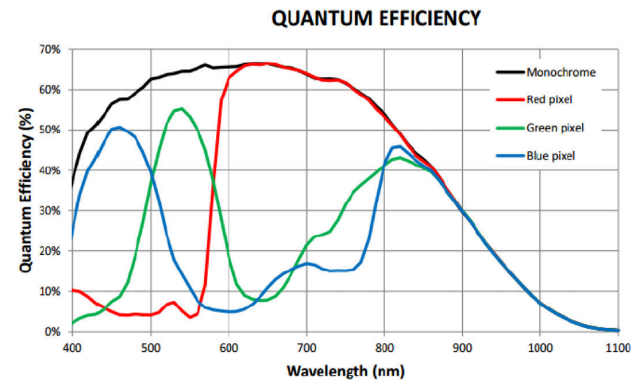
- 1.3MP @49 fps
- Adopts GigE interface and max. transmission distance of 100 meters without relay
- Compatible with GigE Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard.
- Support Windows、Linux
- Up to 128 MB local memory for burst transmission and retransmission



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

Camera	LEO 1300E-50gm
Resolution [H*V]	1280 × 1024
Sensor	E2V
Sensor Size	1"
Sensor Technology	Global, CMOS
Pixel Size [μm]	10 × 10
Frame Rate [fps]	49
Data Bit	8bit / 10bit / 12bit
Exposure Time	20μs~1s
Dynamic Range	73dB
Mono/Color	Mono
Image Format	Mono8/10/10p/12/12p
Interface	GigE
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]	44 × 39 × 60 mm (140g)
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 5-15V, Supporting PoE
Power Consumption	12V @<3.7W
Driver	LEO Series Camera Software Suite (iDatum) or 3rd party GigE Vision Software
Operating System	Windows, Linux
Conformity	GigE Vision, GenICam

Spectral Response



Dimensions

