Vision Datum

LEO Series Area Scan Cameras

GiGE VISION

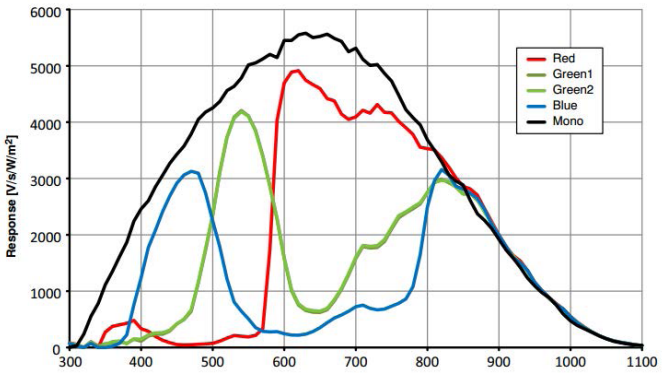
LEO 640P-344gm/LEO 640P-336gc

- 0.3MP @ 344 / 336 fps
- Adopts GigE interface and max. transmission distance of 100 meters without relay
- Compatible with GigE Vision Protocoll, 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

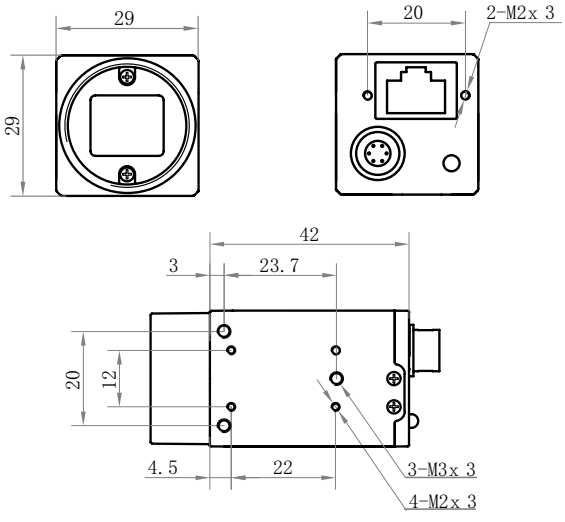
Applied range • Defect Detection • Surface Patch Detection • Visual Positioning • Size Measuring • QR Code Reading • VR/AR • Logistics

Camera	LEO 640P-344gm/LEO 640P-336gc
Resolution [H*V]	672 × 512
Sensor	ON Semiconductor PYTHON 300
Sensor Size	1/4”
Sensor Tecchnology	Global, CMOS
Pixel Size [μm]	4.8 × 4.8
Frame Rate [fps]	Monochrome：344 Color：336
Data Bit	8bit / 10bit / 12bit
Exposure Time	Monochrome：49μs~10s Color：40μs~10s
Dynamic Range	59dB
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,RGB 8
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]	29.0 × 29.0 × 42.0 mm (65g)
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 PoE
Power Consumption	12V @2.6W
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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