

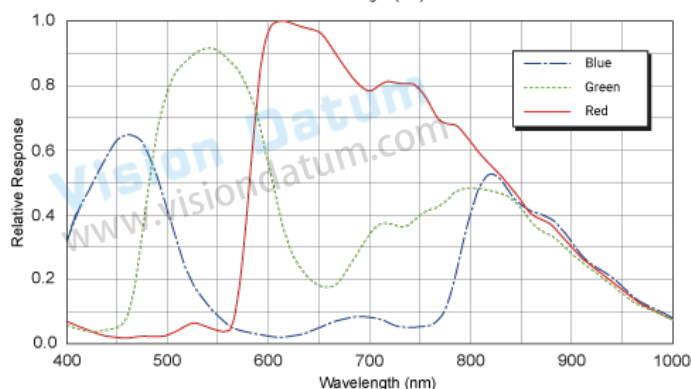
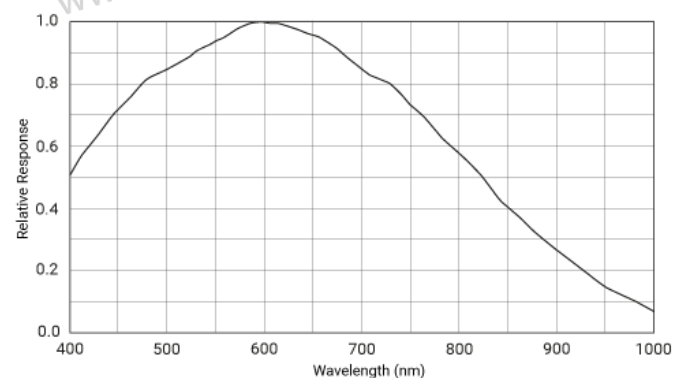
- 12MP @9.4 fps
- Adopts GigE interface and max. transmission distance of 100 meters without relay
- Compatible with GigE Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard
- Support Windows、Linux



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

Camera	iDa90M/CG120A
Resolution [H*V]	4096 × 3000
Sensor	Sony IMX304
Sensor Size	1.1"
Sensor Technology	Global, CMOS
Pixel Size [μm]	3.45 × 3.45
Frame Rate [fps]	9.4
Data Bit	8bit / 10bit / 12bit
Exposure Time	15μs~10s UltraShort exposure mode: 1μs~14μs
Dynamic Range	>72dB
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,BGR 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 (100g)
Operating Temperature	-30~70 °C (Storage), -10~50° 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 9-24V, Supporting PoE
Power Consumption	Monochrome: 12V @2.9W Color: 12V @3W
Driver	LEO Series Camera Software Suite (iDatum) or 3rd party GigE Vision Software
Operating System	Windows, Linux
Conformity	GigE Vision, GenICam

Spectral Response



Dimensions

