

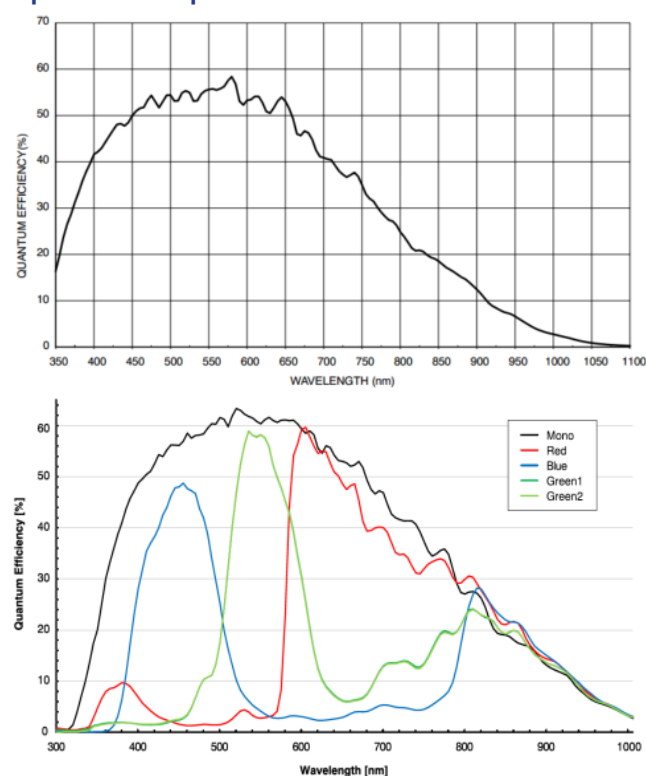
- 12MP @9 fps
- Adopts GigE interface and max. transmission distance of 100 meters without relay
- Compatible with GigE Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard.
- Support Windows、Linux
- 64 MB local memory for burst transmission and retransmission



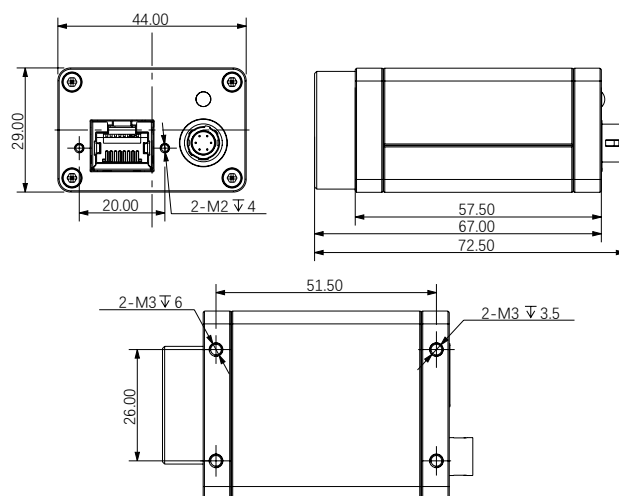
Applied range • Defect Detection • Surface Patch Detection • Visual Positioning • Size Measuring • QR Code Reading • VR/AR • Logistics

Camera	Mars4112X-9gm/gc
Resolution [H*V]	4096 x 3072
Sensor	ON Semiconductor XGS12000
Sensor Size	1"
Sensor Technology	Global, CMOS
Pixel Size [μm]	3.2 x 3.2
Frame Rate [fps]	9
Data Bit	12bit
Exposure Time	69μs~1s
Dynamic Range	70dB
Mono/Color	Mono / Color
Image Format	Mono:Mono8/10/10Packed/12/12Packed Color:Mono8,BayerRG8/10/10Packed/12/12Packed,YUV422_8_UYVY,YUV422_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 × 44.0 × 58.0 mm (100g)
Operating Temperature	-30~80 ° C (Storage), -30~50° 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	12V @ ≈ 3.2W
Driver	Mars Series Camera Software Suite (iCentral) or 3rd party GigE Vision Software
Operating System	Windows, Linux
Conformity	GigE Vision, GenICam

Spectral Response



Dimensions



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