

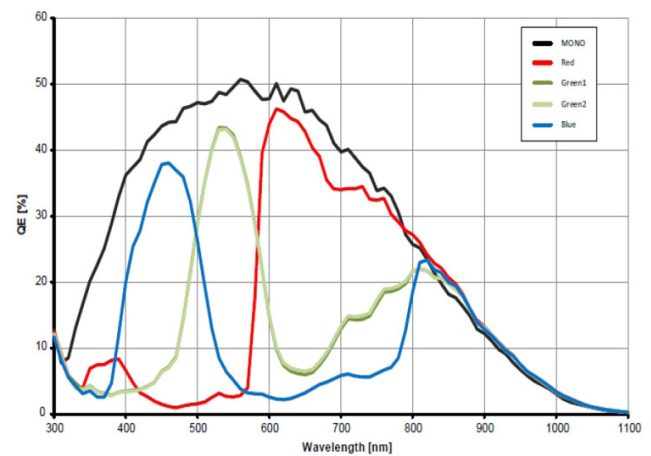
- 25MP @4 fps
- Adopts GigE interface and max. transmission distance of 100 meters without relay
- Compatible with GigE Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard.
- Support Windows、Linux
- 256 MB local memory for burst transmission and retransmission



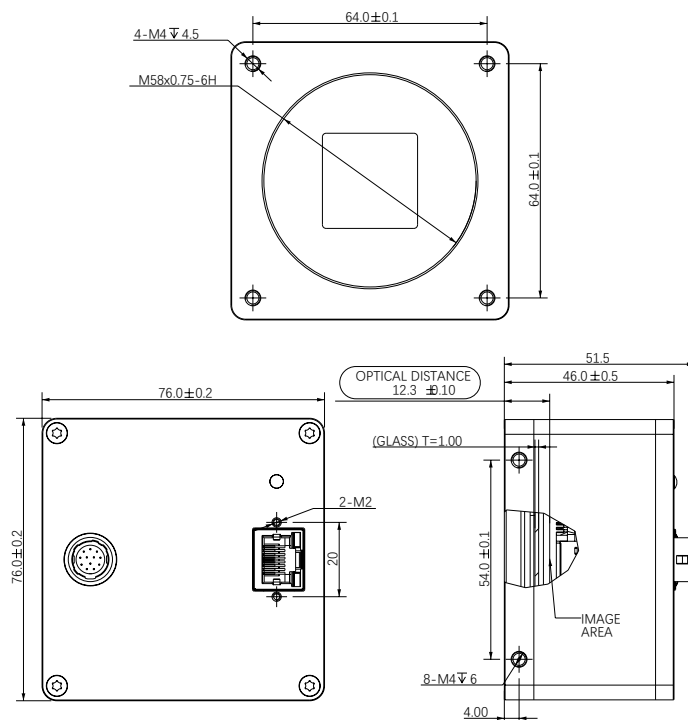
Applied range • Defect Detection • Surface Patch Detection • Visual Positioning • Size Measuring • QR Code Reading • VR/AR • Logistics

Camera	Mars25MP-4gm/gc
Resolution [H*V]	5120 x 5120
Sensor	ON Semiconductor PYTHON25K
Sensor Size	23mm
Sensor Technology	Global, CMOS
Pixel Size [μm]	4.5 × 4.5
Frame Rate [fps]	4
Data Bit	10bit
Exposure Time	1μs~1s
Dynamic Range	58dB
Mono/Color	Mono/Color
Image Format	Mono: Mono8/10/10Packed Color: Mono8,BayerRGB/10/10Packed, BayerGB8/10/10Packed,YUV422Packed
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]	76.0 × 76.0 × 46.0 mm (450g)
Operating Temperature	-30~70 ° C (Storage), 0~50° C (Working)
Lenses Mount	M58, FBL 12.3
Digital I/O	Opto-isolated input x 3, opto-isolated output x 3, and RS232 x 1
Power Input	DC 12-24V
Power Consumption	12V@ ≈ 9W
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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