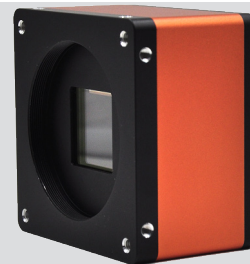


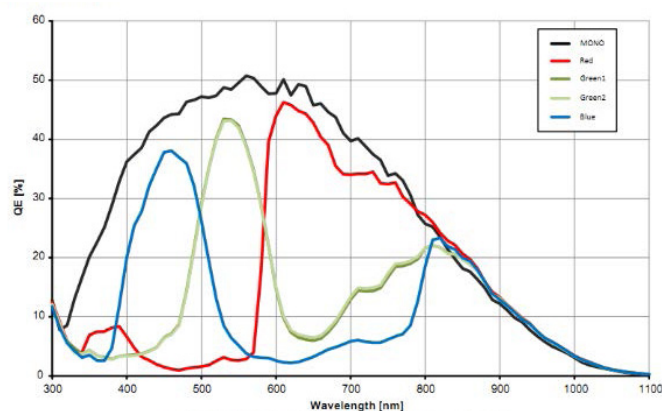
- 25MP @43 fps
- Adopts 10GigE interface and up to 10Gbps effective bandwidth
- Compatible with GigE Vision Protocol and the third-party software based on the protocol
- Support Windows operating platform
- Up to 1GB local memory for burst transmission and retransmission



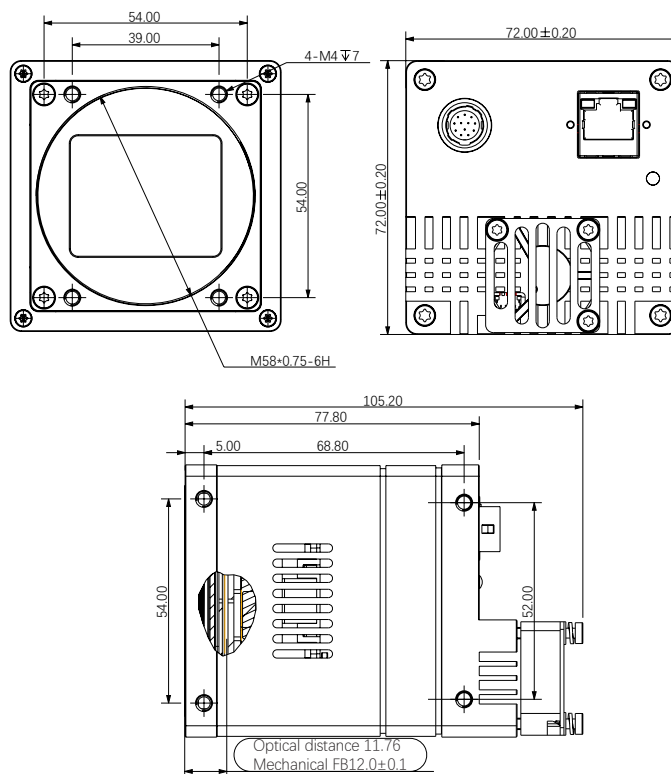
Applied range • Defect Detection • Surface Patch Detection • Visual Positioning • Size Measuring • QR Code Reading • VR/AR • Logistics

Camera	Mars25MP-43Tgm/Tgc
Resolution [H*V]	5120 × 5120
Sensor	ON Semiconductor PYTHON25K
Sensor Size	23 mm × 23 mm
Sensor Technology	Global, CMOS
Pixel Size [μm]	4.5 × 4.5
Frame Rate [fps]	43
Data Bit	10bit
Exposure Time	35us-15s
Dynamic Range	58dB
Mono/Color	Mono / Color
Image Format	Mono: Mono8/10/10Packed Color: BayerRG8/BayerGB8/BayerRG10/BayerGB10/ BayerRG10Packed/BayerGB10Packed
Interface	10 GigE
Synchronization	Via hardware trigger, software trigger or free run mode
Programmable Control [ISP]	Image resolution, RGB Gain, Exposure time, Gamma form, Image rollovers, Raw, LUT, Black level correction
Housing Size [l*w*h]	72.0 × 72.0 × 78.0 mm (585g)
Operating Temperature	-30~80 ° C (Storage), -30~50° C (Working)
Lenses Mount	M58, FBL 12
Digital I/O	Opto-isolated input x 3, opto-isolated output x 3, RS232 x 1
Power Input	DC 24V
Power Consumption	24V@<21.5W
Driver	Mars series camera software suite or third-party GigE Vision protocol software
Operating System	Windows
Conformity	GigE Vision, GenICam

Spectral Response



Dimensions



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