

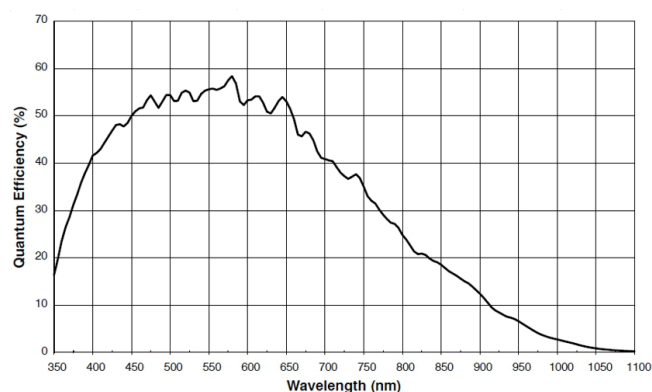
- 8MP @13 fps
- Adopts GigE interface and max. transmission distance of 100 meters without relay
- Compatible with GigE Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard.
- Support Windows、Linux
- 64MB local memory for burst transmission and retransmission



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

Camera	Mars8000X-13gm
Resolution [H*V]	4096 x 2160
Sensor	ON Semiconductor XGS8000
Sensor Size	1/1.1"
Sensor Technology	Global, CMOS
Pixel Size [μm]	3.2 x 3.2
Frame Rate [fps]	13
Data Bit	12bit
Exposure Time	69 μs ~1s
Dynamic Range	70dB
Mono/Color	Mono
Image Format	Mono8/10/10Packed/12/12Packed
Interface	GigE
Synchronization	Via hardware trigger、software trigger or free run mode
Programmable Control [ISP]	Image resolution、Exposure time、 Contrast ratio、 Gamma form、 Image rollovers、 Raw、 LUT、 Black level correction
Housing Size [l*w*h]	29.0 x 44.0 x 58.0 mm (100g)
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 16-24V, Supporting POE
Power Consumption	12V @ \approx 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

