

- 2MP @55 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	Mars1920E-55gm
Resolution [H*V]	1600 x 1200
Sensor	E2V
Sensor Size	1/1.8"
Sensor Technology	Global, CMOS
Pixel Size [μm]	4.5 x 4.5
Frame Rate [fps]	55
Data Bit	8bit / 10bit
Exposure Time	16 μs ~1s
Dynamic Range	>38dB
Mono/Color	Mono
Image Format	Mono8/10/10Packed
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 x 29.0 x 42.0 mm (88g)
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 6-24V, Supporting PoE
Power Consumption	12V@ \approx 3.3W
Driver	Mars Series Camera Software Suite (iCentral) or 3rd party GigE Vision Software
Operating System	Windows, Linux
Conformity	GigE Vision, GenICam

Spectral Response

Dimensions

