

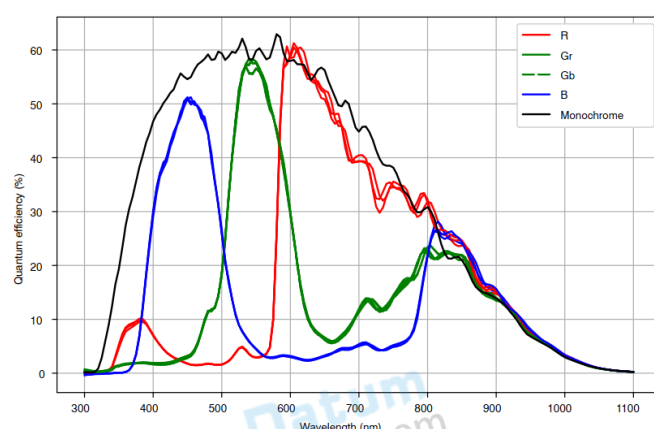
- 2.3MP @52 fps
- Adopts GigE interface and max. transmission distance of 100 meters without relay
- Compatible with GigE Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard
- Support Windows、Linux
- 256 MB local memory for burst transmission and retransmission



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

Camera	Mars2300X-52gm
Resolution [H*V]	1920 × 1200
Sensor	XGS2000
Sensor Size	1/2.2"
Sensor Technology	Global, CMOS
Pixel Size [μm]	3.2 x 3.2
Frame Rate [fps]	52
Data Bit	12bit
Exposure Time	25μs~10s
Dynamic Range	60dB
Mono/Color	Mono
Image Format	Mono8/10/10Packed/Mono12/Mono12Packed
Interface	GigE
Synchronization	Via hardware trigger、software trigger or free run mode
Housing Size [l*w*h]	29.0 × 29.0 × 42.0 mm (88g)
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

