Vision Datum

Mars Series Area Scan Cameras

GiGE VISION

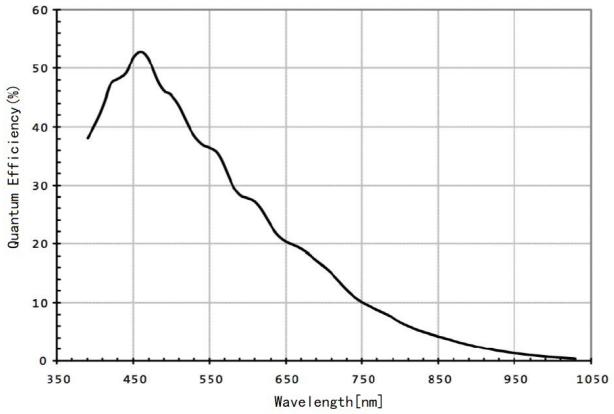
Mars3800-10gm-BC-CS

- 10.6MP @10 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
- GigE Board-Level Camera

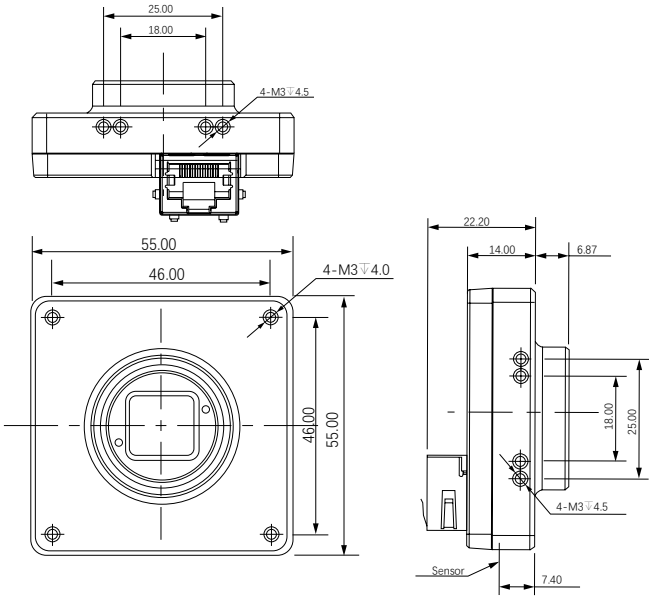
Applied range • Defect Detection • Surface Patch Detection • Visual Positioning • Size Measuring • QR Code Reading • VR/AR • Logistics

Camera	Mars3800-10gm-BC-CS
Resolution [H*V]	3840 x 2748
Sensor	Aptina MT9J003
Sensor Size	1/2.3"
Sensor Tecchnology	Rolling, CMOS
Pixel Size [μm]	1.67 x 1.67
Frame Rate [fps]	10
Data Bit	12bit
Exposure Time	25μs~1s
Dynamic Range	65dB
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、Exposure time、 Contrast ratio、Gamma form、Image rollovers、 Raw、 LUT、Black level correction
Housing Size [l*w*h]	55.0 × 55.0 × 14.0 (60g)
Operating Temperature	-30~80 ° C (Storage), -30~50° C (Working)
Lenses Mount	CS-Mount
Digital I/O	8 pin socket interface: 1 Opto-isolated input, 1 Opto-isolated output,1 output without opto isolation
Power Input	DC6V~24V power supply through 8 pin Socket connector
Power Consumption	12V @2.8W
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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