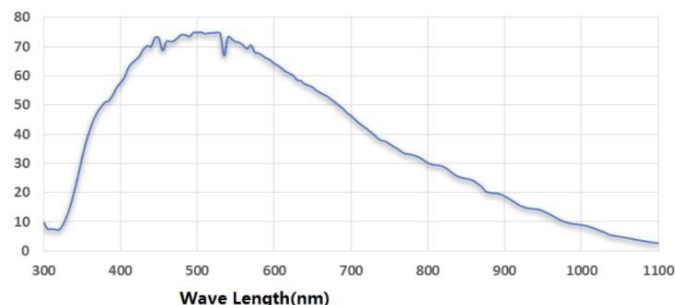


- 1.3MP @201 fps
- USB 3.0 interface with plug and play capability, USB3.0 power supply
- Compatible with USB3 Vision Protocol, GenICam Standard, and the third-party software based on these protocol and standard
- Support Windows、Linux
- USB3.0 Board-Level Camera

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

Camera	Mars1300S-201um-BC
Resolution [H*V]	1280 x 1024
Sensor	SS
Sensor Size	1/2.7"
Sensor Technology	Global, CMOS
Pixel Size [ $\mu\text{m}$ ]	4.0 x 4.0
Frame Rate [fps]	201
Data Bit	10bit
Exposure Time	10 $\mu\text{s}$ ~1s
Dynamic Range	60dB
Mono/Color	Mono
Image Format	Mono8/10/10Packed
Interface	USB3.0
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]	35.0 x 35.0 x 19.0 (46g)
Operating Temperature	-30~80 ° C (Storage), -30~50° C (Working)
Lenses Mount	C-Mount
Digital I/O	5 pin trigger connector: Opto-isolated input x1, Opto-isolated output x1, configurable input and output x1
Power Input	DC 5V, Supporting USB
Power Consumption	5V@ $\approx$ 2.8W
Driver	Mars Series Camera Software Suite or 3rd party USB3 Vision Software
Operating System	Windows, Linux
Conformity	USB3 Vision, GenICam

### Spectral Response



### Dimensions

