



TAURUS

Large Area Scan Camera

TS65MPXGV-19M/C

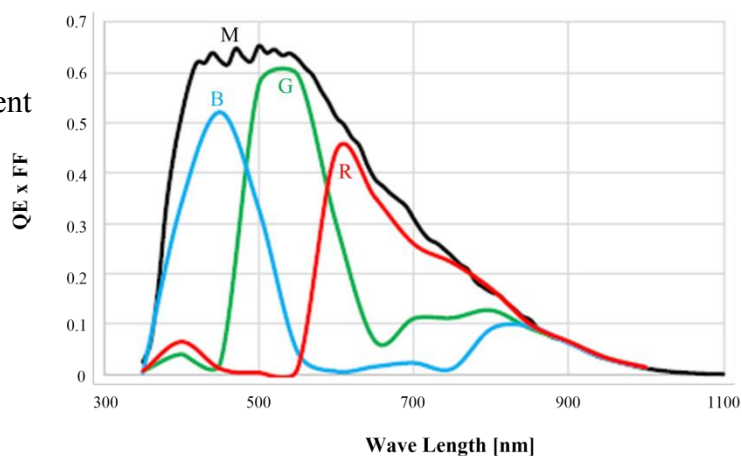
Features

- ◎ Global Shutter CMOS
- ◎ 9344 * 7000 pixels, 3.2 μ m * 3.2 μ m
- ◎ High sensitivity and low noise
- ◎ Rich Exposure Control Modes (External Trigger, Free-Run)
- ◎ ROI / LUT
- ◎ Analog Gain / Digital Gain / Offset Control
- ◎ Minimum exposure time 14 μ s
- ◎ Scanning direction configurable
- ◎ Temperature monitor
- ◎ Support long-distance transmission



Applications

- ◎ High-precision mechanical measurement
- ◎ FPD / 3C inspection
- ◎ Wafer surface inspection
- ◎ Scientific experiments
- ◎ Astronomical observation



Specifications

Model	TS65MPXGV-19M/C
Sensor	Global Shutter CMOS
Image Mode	Mono/Color
Optical Size	37.36 mm
Resolution	9344 * 7000
Pixel Size	3.2μm * 3.2μm
Max Frame Rate	18.602fps@8bit, 12.375fps@12p bit
Data Format	8/12p
Dynamic Range	≥63.2 dB
Data Rate	1216 MB/s
Trigger Mode	Free run / External trigger
Trigger Source	Software trigger / External IO
Exposure Control	Program / Pulse Width
Exposure Time	14μs-10s(Step:1μs)
Analog Gain	0-64
Digital Gain	0.1-8.0x
Lens Interface	M58 * 0.75 / F Mount
Data Interface	10GigE Vision
Power Interface	HR10A-10R-12PB(71)(Male)
Power Supply	DC12-24V(±10%) 2.0A
Power Consumption	15.1W
Dimensions	65mm x 65mm x 81.68mm
Operating Temperature	0-55℃
Storage Temperature	-20-75℃

Mechanical Dimensions(mm)

