



TEC-TAURUS

Large Area Scan Camera

TTS65MU30-5M/C

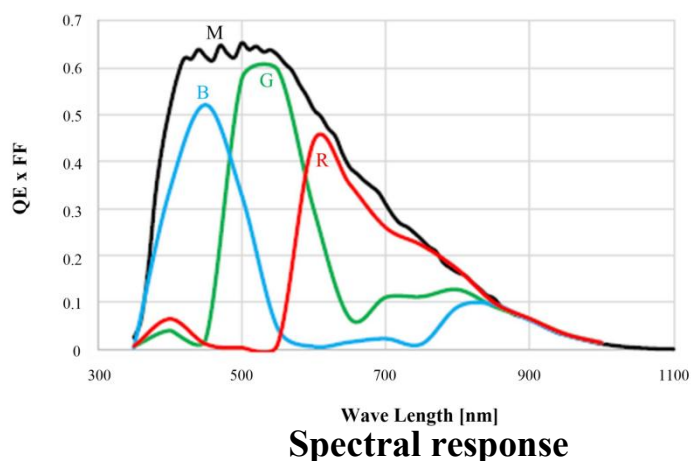
Features

- ◎ Global Shutter CMOS
- ◎ 9344 * 7000 pixels, 3.2 μ m * 3.2 μ m
- ◎ Frame rate up to 5fps
- ◎ 8/12 bit output
- ◎ High sensitivity and low noise
- ◎ Minimum exposure time: 22 μ s, exposure time step: 1 μ s
- ◎ Defect Pixel Correction / FFC
- ◎ Analog Gain / Digital Gain / Offset Control
- ◎ USB3.0 Interface
- ◎ Manual / Automatic White Balance
- ◎ Support MacOS 10.14.6 or Later
- ◎ Electronic refrigeration——20 $^{\circ}$ C below environment temperature



Applications

- ◎ High precision machinery measurements
- ◎ Flat panel display inspection
- ◎ Semiconductor inspection
- ◎ Electronic inspection
- ◎ Astronomical observation
- ◎ Scientific experiment



Specifications

Model	TTS65MU30-5M/C
Sensor	GMAX3265
Image Mode	Color / Mono
Optical Size	37.36 mm
Resolution	9344 * 7000
Pixel Size	3.2μm * 3.2μm
Max Frame Rate	5.32fps@8bit, 2.55fps@12bit
Bit Depth	8/12 bit
Dynamic Range	≥66 dB
Data Rate	350 MB/s
Trigger Mode	Free run / External trigger
Trigger Source	Software trigger / External IO
Exposure Control	Program / Pulse Width
Exposure Time	22μs-10s(Step:1μs)
Analog Gain	0-64
Digital Gain	0.1-8.0x
Lens Interface	M42/F Mount
Data Interface	USB3.0
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC12V±10% 5.0A
Power Consumption	TEC On:44.2W; TEC Off::12.8 W
Cooling Mode	Electronic refrigeration(20°C below environment temperature) / Fan refrigeration
Dimensions	111.0mm(W) x 111.0mm(H) x 124.0mm(D)
Operating Temperature	0-50°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

