



TEC-TAURUS

Large Area Scan Camera

TTS101M2CXP-8M/C

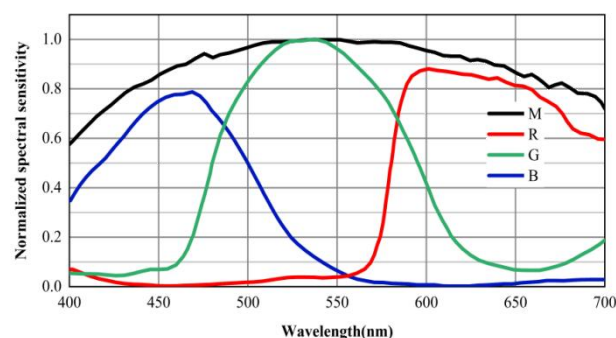
Features

- ◎ Rolling Shutter CMOS
- ◎ 11648 * 8742 pixels, 3.76μm * 3.76μm
- ◎ Full Frame Rate up to 8fps
- ◎ 8/10/12 bit output
- ◎ High sensitivity and low noise
- ◎ ROI / Auto White Balance
- ◎ Rich exposure control modes
- ◎ Defect Pixel Correction / FFC
- ◎ Analog Gain / Digital Gain / Offset Control
- ◎ Compatible with CoaXPress 1.1.1
- ◎ Temperature monitor
- ◎ Electronic refrigeration——20°C below environment temperature



Applications

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



Spectral response

Specifications

Model	TTS101M2CXP-8M/C
Sensor	IMX461
Image Mode	Color / Mono
Optical Size	54.78 mm
Resolution	11648 * 8742
Pixel Size	3.76μm * 3.76μm
Max Frame Rate	8.5fps@8/10bit;7.83fps@12bit
Bit Depth	8/10/12 bit
Dynamic Range	≥78 dB
Data Rate	1190 MB/s
Trigger Mode	Free run / External trigger
Trigger Source	CXP Trigger / External IO
Exposure Control	Program / Pulse Width
Exposure Time	8/10bit:54μs-60s(Step:27μs);12bit:29μs-60s(Step:29μs)
Analog Gain	0-96
Digital Gain	0.01-30.00x
Lens Interface	M72 * 0.75
Data Interface	CoaXPress
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC12V±10% 5.0A
Power Consumption	50.0 W
Cooling Mode	Electronic refrigeration(20°C below environment temperature) / Fan refrigeration
Dimensions	111.0mm(W) x 111.0mm(H) x 103.2mm(D)
Operating Temperature	0-50°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

