



TEC-TAURUS

Large Area Scan Camera

TTS151M2CXP-6M/C

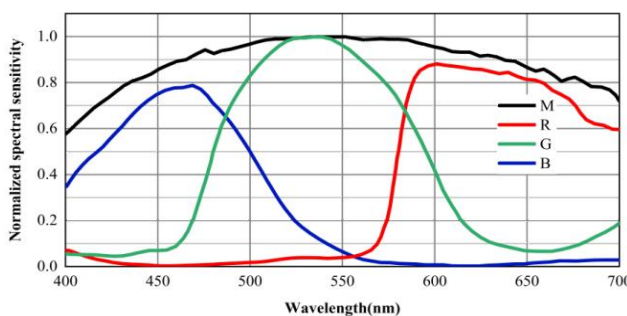
Features

- ◎ Rolling Shutter CMOS
- ◎ 14192 * 10640 pixels, 3.76μm * 3.76μm
- ◎ Frame rate up to 6fps
- ◎ 8/10/12/16 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 CoaXPress 1.1.1 Protocol
- ◎ 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	TTS151M2CXP-6M/C
Sensor	IMX411
Image Mode	Color / Mono
Optical Size	66.69 mm
Resolution	8bit:14192*10640;10/12/16bit:14144*10640
Pixel Size	3.76μm * 3.76μm
Max Frame Rate	6.0fps@8/10bit, 5.2fps@12bit, 4.0fps@16bit
Bit Depth	8/10/12/16 bit
Dynamic Range	≥76 dB
Data Rate	1200 MB/s
Trigger Mode	Free run / External trigger
Trigger Source	External IO / CXP Trigger
Exposure Control	Program / Pulse Width
Exposure Time	8/10bit:93μs-300s(Step:31μs)
	12bit:72μs-300s(Step:36μs)
	16bit:94μs-300s(Step:47μs)
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	49.0 W (TEC On) ; 15.6W (TEC Off)
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)

