



TEC-TAURUS

Large Area Scan Camera

TTS151M2CL-5M/C

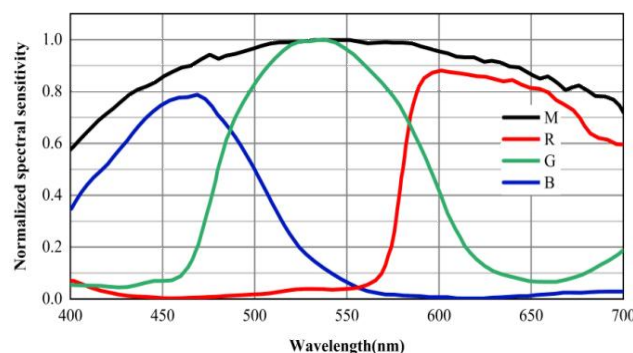
Features

- ◎ Rolling Shutter CMOS
- ◎ 14192 * 10640 pixels, 3.76 μ m * 3.76 μ m
- ◎ Frame rate up to 5.28fps
- ◎ 8/10/12/16bit
- ◎ High sensitivity and low noise
- ◎ Strobe Signal Output
- ◎ Gain / Offset Control
- ◎ Temperature monitor
- ◎ LUT / FFC
- ◎ Dark Image Correction
- ◎ 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



Spectral response

Specifications

Model	TTS151M2CL-5M/C
Sensor	IMX411
Image Mode	Color / Mono
Optical Size	66.69 mm
Resolution	14192 * 10640
Pixel Size	3.76μm * 3.76μm
Max Frame Rate	5.28 fps
Bit Depth	8/10/12/16bit
Dynamic Range	≥78 dB
Data Rate	797 MB/s
Trigger Mode	Free run / External trigger
Trigger Source	Camera Link CC / External IO
Exposure Control	Program / Pulse Width
Exposure Time	88us~30s (Step: 35us@10Tap, 44us@8Tap, 88us@4Tap)
Analog Gain	0-96
Digital Gain	0.01-8.00x
Lens Interface	M72 * 0.75
Data Interface	Camera Link
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC12V±10% 5A
Power Consumption	50.0 W
Cooling Mode	Electronic refrigeration(20°C below environment temperature) / Fan refrigeration
Dimensions	111mm x 111mm x 105mm
Operating Temperature	0-50°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

