



TAURUS

Large Area Scan Camera

TTS26MCL-31M/C

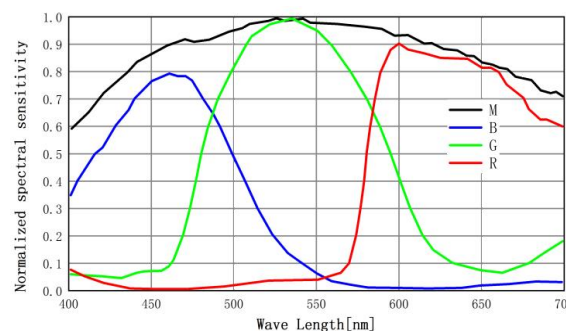
Features

- ◎ Rolling Shutter CMOS
- ◎ 6240 * 4168 pixels, 3.76μm * 3.76μm
- ◎ Frame rate up to 31fps
- ◎ High sensitivity and low noise
- ◎ ROI
- ◎ Rich exposure control modes
- ◎ Output pixel format: 8/10/12bit
- ◎ Defect Pixel Correction
- ◎ FFC
- ◎ Analog Gain / Digital Gain / Offset Control
- ◎ Auto White Balance
- ◎ 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	TTS26MCL-31M/C
Sensor	IMX571
Image Mode	Mono / Color
Optical Size	28.21 mm
Resolution	6240 * 4168
Pixel Size	3.76 μ m * 3.76 μ m
Max Frame Rate	31fps@8bit, 24fps@10bit, 12fps@12bit
Data Format	8/10/12 bit
Dynamic Range	≥ 76 dB
Data Rate	850 MB/s
Trigger Mode	Free run / External trigger
Trigger Source	External IO / External IO / Camera Link CC1 input
Exposure Control	Program / Pulse Width
Exposure Time	4tap:39 μ s(Step:39 μ s) ; 8tap:39 μ s(Step:20 μ s); 10tap:46 μ s(Step:15 μ s)
Analog Gain	0-96
Digital Gain	0.01-8.00x
Lens Interface	C Mount
Data Interface	Camera Link
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC12V $\pm$ 10% 5.0A
Power Consumption	TEC On: 40.0W; TEC Off: 13.0W
Dimensions	111.0mm(W) x 111.0mm(H) x 103.0mm(D)
Operating Temperature	0-65°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

