



TEC-TAURUS

Large Area Scan Camera

TTS120MCL-7M/C

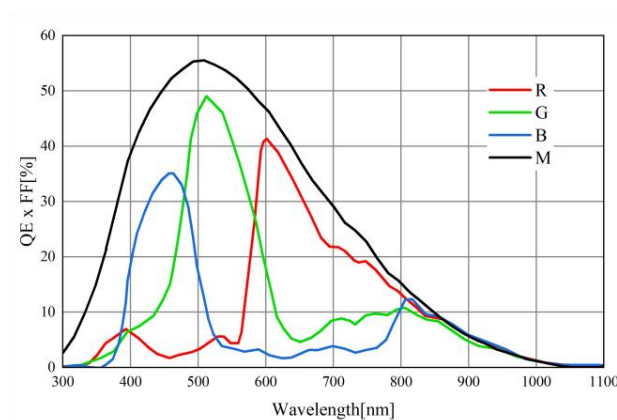
Features

- ◎ Rolling Shutter CMOS
- ◎ 13248 * 9176 pixels, 2.2 μ m * 2.2 μ m
- ◎ Frame rate up to 6.92fps
- ◎ 8/10 bit output
- ◎ High sensitivity and low noise
- ◎ ROI / Auto White Balance
- ◎ Rich exposure control modes
- ◎ Defect Pixel Correction / FFC / LUT
- ◎ Analog Gain / Digital Gain / Offset Control
- ◎ Standard Camera Link interface
- ◎ Temperature monitor
- ◎ Electronic refrigeration——18°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	TTS120MCL-7M/C
Sensor	120MXS
Image Mode	Color / Mono
Optical Size	35.45 mm
Resolution	13248 * 9176
Pixel Size	2.2μm * 2.2μm
Max Frame Rate	6.92fps@8bit ; 5.54fps@10bit
Bit Depth	8/10 bit
Dynamic Range	≥61 dB
Data Rate	840 MB/s
Trigger Mode	Free run / External trigger
Trigger Source	Camera Link CC / External IO
Exposure Control	Program / Pulse Width
Exposure Time	94μs-10s(Step:16μs)
Analog Gain	1/2/4x
Digital Gain	0-7.99x
Lens Interface	M72 * 0.75
Data Interface	Camera Link
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC 12-24V(±10%) 4A
Power Consumption	29.0 W
Cooling Mode	Electronic refrigeration(18°C below environment temperature) / Fan refrigeration
Dimensions	90.0mm(W) x 90.0mm(H) x 88.3mm(D)(Without adapter)
Operating Temperature	0-55°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

