



TAURUS

Large Area Scan Camera

TS50M2CL-15M

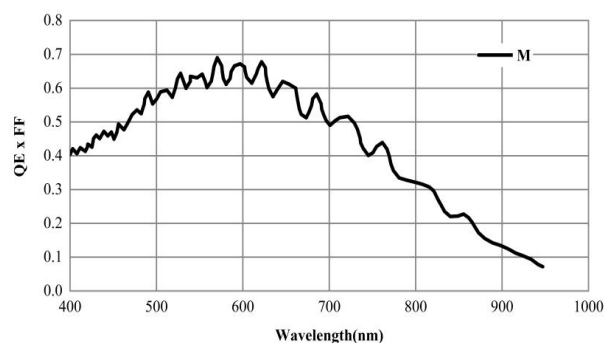
Features

- ◎ Global Shutter CMOS
- ◎ 7920 * 6004 pixels, 4.6 μ m * 4.6 μ m
- ◎ Frame rates up to 15fps
- ◎ 8/10/12 bit output
- ◎ ROI / LUT / FFC
- ◎ Internal trigger / External trigger / Optional
- ◎ Temperature monitor
- ◎ Gamma correction
- ◎ GUI configuration tool



Applications

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



Spectral response

Specifications

Model	TS50M2CL-15M
Sensor	CMV50000
Image Mode	Mono
Optical Size	45.72 mm
Resolution	7920 * 6004
Pixel Size	4.6μm * 4.6μm
Max Frame Rate	15 fps
Bit Depth	8/10/12 bit
Dynamic Range	≥64 dB
Data Rate	800 MB/s
Trigger Mode	Free run / External trigger
Trigger Source	Camera Link CC / External IO
Exposure Control	Program / Pulse Width
Exposure Time	80μs-50s(Step:1μs)
Analog Gain	1/2/4x
Digital Gain	0.01-8.00x
Lens Interface	F Mount
Data Interface	Camera Link
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC 12V±10% 1.0A
Power Consumption	6.8 W
Dimensions	90.0mm(W) x 90.0mm(H) x 97.7mm(D)
Operating Temperature	0-50°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

