



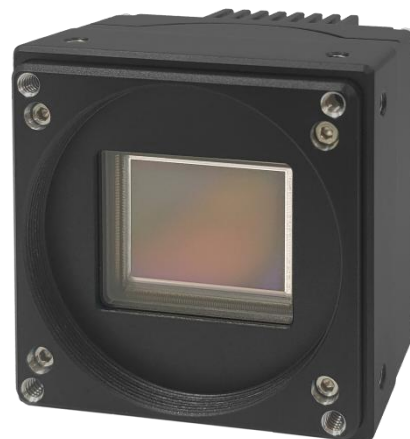
TAURUS

Large Area Scan Camera

TS65MCL-12M/C

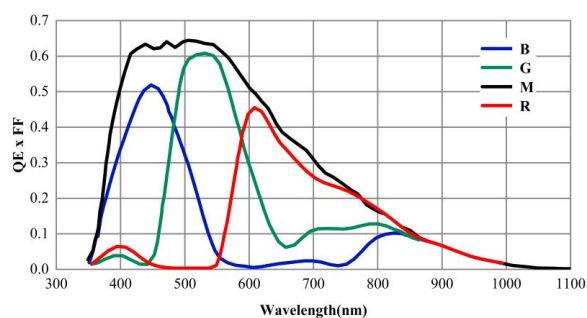
Features

- ◎ Global Shutter CMOS
- ◎ 9344 * 7000 pixels, 3.2 μ m * 3.2 μ m
- ◎ Frame rates up to 12fps
- ◎ 8/10/12 bit output
- ◎ High sensitivity and low noise
- ◎ ROI
- ◎ Rich exposure control modes
- ◎ Defect Pixel Correction / FFC
- ◎ Analog Gain / Digital Gain / Offset Control
- ◎ Auto White Balance
- ◎ Temperature monitor



Applications

- ◎ High-precision mechanical measurement
- ◎ Flat panel display inspection
- ◎ Semiconductor inspection
- ◎ Electronic inspection
- ◎ Astronomical observation
- ◎ Scientific experiment



Spectral response

Specifications

Model	TS65MCL-12M/C
Sensor	GMAX3265
Image Mode	Color / Mono
Optical Size	37.36 mm
Resolution	9344 * 7000
Pixel Size	3.2 μ m * 3.2 μ m
Max Frame Rate	12.47fps@8bit; 10.16fps@10bit; 5.08fps@12bit
Bit Depth	8/10/12 bit
Dynamic Range	$\geq$ 62 dB
Data Rate	830 MB/s
Trigger Mode	Free run / External trigger
Trigger Source	Camera Link CC / External IO
Exposure Control	Program / Pulse Width
Exposure Time	37 μ s-10s(Step:1 μ s)
Analog Gain	0-64
Digital Gain	0.01-8.00x
Lens Interface	M58 * 0.75
Data Interface	Camera Link
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC12V $\pm$ 10% 1.5A
Power Consumption	8.6 W
Dimensions	67.0mm(W) x 67.0mm(H) x 71.4mm(D)
Operating Temperature	0-65°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

