



TAURUS

High Speed Area Scan Camera

TS65MCXP-71M/C

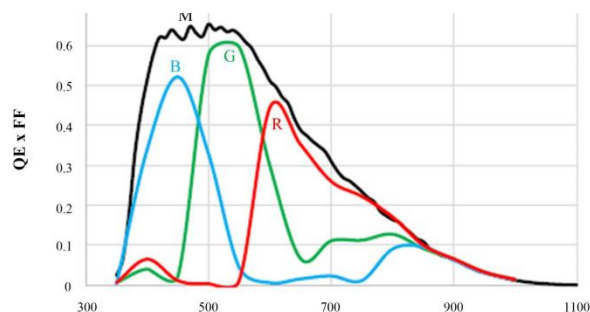
Features

- ◎ Global Shutter CMOS
- ◎ 9344 * 7000 pixels, 3.2 μ m * 3.2 μ m
- ◎ Frame rate up to 71fps
- ◎ 8/10 bit output
- ◎ High sensitivity and low noise
- ◎ Minimum exposure time: 12 μ s
- ◎ ROI / Auto White Balance
- ◎ Defect Pixel Correction / Flat Field Correction
- ◎ Analog Gain / Digital Gain / Offset Control
- ◎ Support CoaXPress 2.0 Protocol
- ◎ Temperature monitor



Applications

- ◎ PCB AOI inspection
- ◎ Semiconductor inspection
- ◎ Solar cell inspection
- ◎ Life science



Spectral response

Specifications

Model	TS65MCXP-71M/C
Sensor	GMAX3265
Image Mode	Color / Mono
Optical Size	37.36 mm
Resolution	9344 * 7000
Pixel Size	3.2μm * 3.2μm
Max Frame Rate	71.04fps@8bit ; 58.13fps@10bit
Bit Depth	8/10 bit
Dynamic Range	≥62 dB
Data Rate	4750MB/s
Trigger Mode	Free run / External trigger
Trigger Source	External IO / CXP Trigger
Exposure Control	Program / Pulse Width
Exposure Time	12μs-10s (Step: 4μs@8bit, 5μs@10bit)
Analog Gain	0-32dB
Digital Gain	0.1-8.0x
Lens Interface	M58 / F Mount
Data Interface	CoaXPres12
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC 12V±10% 3.0A
Power Consumption	21.4W
Dimensions	85mm x 85mm x 89.2mm
Operating Temperature	0-65°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

