



TAURUS

Large Area Scan Camera

TS25MGV-10M

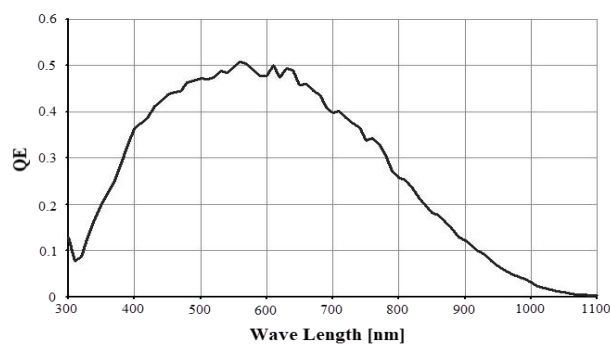
Features

- ◎ Global Shutter CMOS
- ◎ 5120 * 5120 pixels, 4.5 μ m * 4.5 μ m
- ◎ 4.72fps(10fps with SAccel™)
- ◎ High sensitivity and low noise
- ◎ ROI / Binning / LUT
- ◎ Analog Gain / Digital Gain / Offset Control
- ◎ Minimum exposure time 1 μ s
- ◎ Scanning direction configurable
- ◎ Temperature monitor
- ◎ GigE Vision interface, support long-distance transmission
- ◎ Support GigE Vision 2.0 and GenICam Standard



Applications

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



Spectral response

Specifications

Model	TS25MGV-10M
Sensor	NOIP1SN025KA
Image Mode	Mono
Optical Size	32.58 mm
Resolution	5120 * 5120
Pixel Size	4.5μm * 4.5μm
Max Frame Rate	4.72fps(10fps with SAccel™)
Data Format	8/10/10p
Dynamic Range	≥55 dB
Data Rate	124 MB/s (262MB/s with SAccel™)
Trigger Mode	Free run / External trigger
Exposure Control	Program / Pulse Width
Exposure Time	1μs-10s(Step:1μs)
Analog Gain	1/1.26/1.87/3.17x
Digital Gain	0.01-8.00x
Lens Interface	M58 / F Mount
Data Interface	GigE Vision
Power Interface	HR10A-10R-12PB(71)(Male)
Power Supply	DC12-24V(±10%) 1A or PoE power supply
Power Consumption	6.7W (DC power supply) / 7.4W (PoE power supply)
Dimensions	F Mount: 62mm x 62mm x 89.3mm M58: 62mm x 62mm x 54.3mm
Operating Temperature	0-55°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

