



TEC-TAURUS

Large Area Scan Camera

TTS46MGV-5M

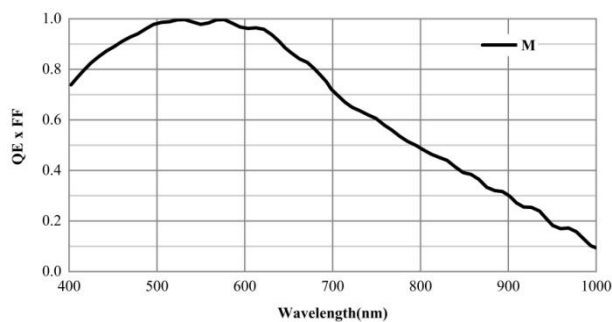
Features

- ◎ Rolling Shutter CMOS
- ◎ 8192 * 5556 pixels, 2.315 μ m * 2.315 μ m
- ◎ 2.5fps(5fps with SAccel™)
- ◎ High sensitivity and low noise
- ◎ 8 bit output
- ◎ ROI
- ◎ Rich exposure control modes (external trigger, free-run)
- ◎ Minimum exposure time: 1406 μ s
- ◎ Defect Pixel Correction / FFC
- ◎ Analog Gain / Digital Gain / Offset Control
- ◎ Compatible with GigEVision 1.1 protocol
- ◎ Electronic refrigeration——20°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	TTS46MGV-5M
Sensor	IMX492
Image Mode	Mono
Optical Size	22.91 mm
Resolution	8192 * 5556
Pixel Size	2.315μm * 2.315μm
Max Frame Rate	2.5fps(5fps with SAccel™)
Bit Depth	8 bit
Dynamic Range	≥53.5 dB
Data Rate	113 MB/s(Uncompressed mode) ; 227MB/s(Compressed mode)
Trigger Mode	Free run / External trigger
Trigger Source	External IO
Exposure Control	Program / Pulse Width
Exposure Time	1406μs-10s
Analog Gain	0-64
Digital Gain	0.01-8.00x
Lens Interface	F Mount / EF Mount
Data Interface	GigE Vision
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC12V±10% 4.5A
Power Consumption	TEC On:35.5W ; TEC Off:10.8W
Cooling Mode	Electronic refrigeration(20°C below environment temperature) / Fan refrigeration
Dimensions	111.0mm(W) x 111.0mm(H) x 90.5mm(D)(Without adapter)
Operating Temperature	0-55°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

