



TEC-TAURUS

Large Area Scan Camera

TTS604MCXP-6M/C

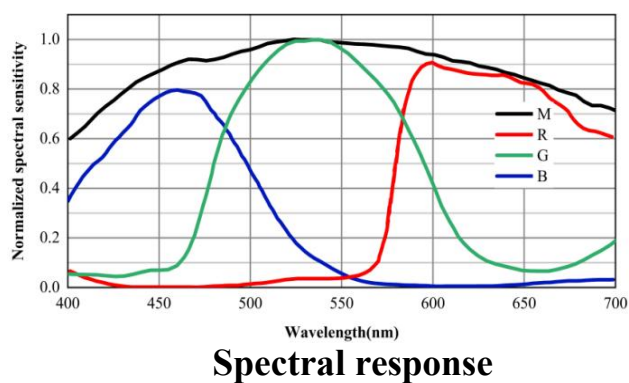
Features

- ◎ Rolling Shutter CMOS
- ◎ 42576 * 31920 pixels, 3.76 μ m * 3.76 μ m
- ◎ Frame rate up to 1.5 fps (4x Resolution)
- ◎ 8/10/12 bit output
- ◎ High sensitivity and low noise
- ◎ ROI / Automatic White Balance
- ◎ Rich exposure control modes (external trigger, free-run)
- ◎ Defect Pixel Correction / FFC
- ◎ Analog Gain / Digital Gain / Offset Control
- ◎ Compatible CoaXPress 1.1.1
- ◎ Pixel shift available: distance and direction settable
- ◎ Electronic refrigeration——20°C below environment temperature



Applications

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



Specifications

Model	TTS604MCXP-6M/C
Sensor	IMX411
Image Mode	Color / Mono
Resolution	8bit: 14192 x 10640 10/12bit: 14144 x 10640
4x Resolution	8bit: 28384 x 21280 10/12bit: 28288 x 21280
Optical Size	66.69mm (diagonal)
Pixel Size	3.76μm * 3.76μm
Max Frame Rate	6.02fps@8/10bit, 5.20fps@12bit
Bit Depth	8/10/12 bit
Dynamic Range	≥78 dB
Data Rate	1120 MB/s
Trigger Mode	Free run / External trigger
Trigger Source	External IO / CXP Trigger
Exposure Control	Program / Pulse Width
Exposure Time	72μs - 300s (step:31μs@8/10bit , 36μs@12bit)
Analog Gain	0-96
Digital Gain	0.01-8.00x
Lens Interface	M72 * 0.75
Data Interface	CoaXPress
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC12V±10% 5.0A
Power Consumption	TEC On: 46.1W; TEC Off: 16.9W
Cooling Mode	Electronic refrigeration(20°C below environment temperature) / Fan refrigeration
Dimensions	111.0mm(W) x 111.0mm (H) x 127.3mm(D)
Operating Temperature	0-55°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

