GigE Xilinx, Sony CCD
VGA/XGA/SVGA/SXGA/UXGA

GigE Xilinx Cased Cameras

STC-GE33OX【Mono】
STC-GE32OX【Mono】
STC-GE133OX【Mono】
STC-GE152OX【Mono】

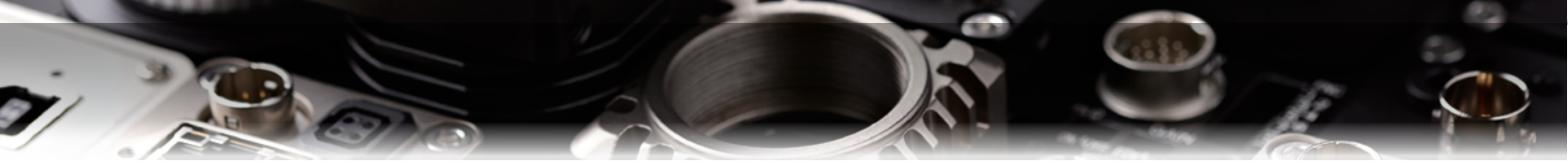
STC-GEC33OX【Color】
STC-GEC32OX【Color】
STC-GEC133OX【Color】
STC-GEC152OX【Color】

Sentech color and monochrome digital GigE Vision Xilinx Camera series is available in multiple resolutions. This series features VGA, XGA, SXGA and UXGA sensors, GECan rates at 15 ~ 90fps, and communication over a 12 pin Hirose or Ethernet connector. These cameras boasts a user-programmable Xilinx FPGA, a 32MB user memory and eight opto-isolated con gurable I/Os. This camera meets all industry standards for GigE Vision® and GenICam™

Features

- 1/3", 648 (H) x 494 (V), 90fps
- 1/3", 1024 (H) x 768(V), 36fps
- 1/2", 1360 (H) x 1040 (V), 19fps
- 1/1.8", 1624(H) x 1236(V), 16fps

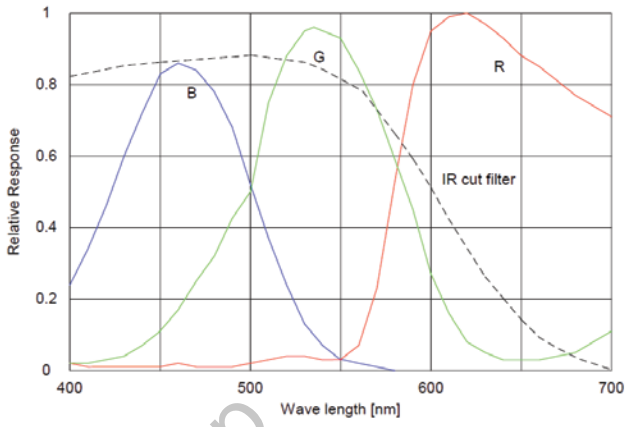
User-Programmable Xilink FPGA



Specifications

Model Numbers	: STC-GEC33OX (Color) STC-GE33OX (Monochrome) STC-GEC32OX (Color) STC-GE32POE (Monochrome) STC-GEC133OX (Color) STC-GE133OX (Monochrome) STC-GEC152OX (Color) STC-GE152OX (Monochrome) STC-GEC202OX (Color) STC-GE202OX (Monochrome)
Image Sensor	: 1/3" Interline VGA CCD (Sony) 1/2" Interline VGA CCD (Sony) 1/3" Interline SXVGA CCD (Sony) 1/2" Interline SXGA CCD (Sony) 1/1.8" Interline UXGA CCD (Sony)
Active Piicture Element	: VGA: 648 (H) x 494 (V), 90fps VGA: 1024 (H) x 768 (V), 36fps SXGA: 1360 (H) x 1040 (V), 19fps UXGA: 1624 (H) x 1236 (V), 15fps
Scanning System	: Progressive
Noise Level	:
- @ 8 Bit Output	<= 3 Digit (Gain 0 dB)
- @ 10 Bit Output	<= 12 Digit (Gain 0 dB)
- @ 12 Bit Output	<= 48 Digit (gain 0 dB)
Frame Rate	: 15~ 90fps
Sync System	: Internal
Video Output:	: Digital 8, 10 or 12 bit Raw Data or RGB 8 bit
Interface	: PoE: IEEE802.3af CLASS3 (1000BASE-T)
Protocol	: GigE Vision® 1.2 and GenICam™ 2.0 Compliant
ALC	: Electronic iris and AGC (ON / OFF)
Gain	: 0 ~ 20.4 dB
Gamma	: Gamma 1.0 (Factory default) or downloadable gamma table
AOI Function	: Variable AOI setting via the communication
Smear Reduction	: Selectable ON/OFF via the Communication
Color Interpolation	: Available on RGB output
White Balance	: Auto, Manual, and push to set white balance is available on both Raw Data output and RGB output
IO' s	: Three opto-isolated inputs and five opto-isolated outputs
Auto Iris Lens Control	: DC IRIS control input with video level target, peak/average and zone weight settings via the communication
Power	
- Input Voltage	: +10.8 to +26.4 Vdc via power-I/O connector or POE (Power-I/O connector power supply is prioritized.)
- Consumption	: 12V: 4.1W / 3.5W, PoE: 4.5W / 3.8W
Dimensions	: 50 (W) x 50 (H) x 53.5 (D) mm excluding connectors
Optical Filter	: IR Cut Filter
Lens Mount	: C Mount
Weight	: Approximately 170 g
RoHS Compliance	: RoHS Compliant

Spectral Sensivity



Dimensions