GX3300

Description

8 Megapixel CCD camera with high frame rate - Dual port GigE

The 8-megapixel Prosilica GX3300 is a very high-resolution CCD camera with Gigabit Ethernet output. The GX3300 has a fast frame rate of 17 fps at 3296 x 2472 resolution. The sensor used in the GX3300 is the high-quality 8-Megapixel CCD Kodak KAI-08050 that provides superior image quality, excellent sensitivity, and low noise.

The GX3300 has two screw-captivated Gigabit Ethernet ports configured as a Link Aggregation Group (LAG) to provide a sustained maximum data rate of 240 MBytes per second. The GigE Vision® compliant GX3300 works with standard gigabit Ethernet hardware and cable lengths up to 100 meters (300 ft) using conventional Cat-5e network cabling.

The GX3300 is available with a F-mount.

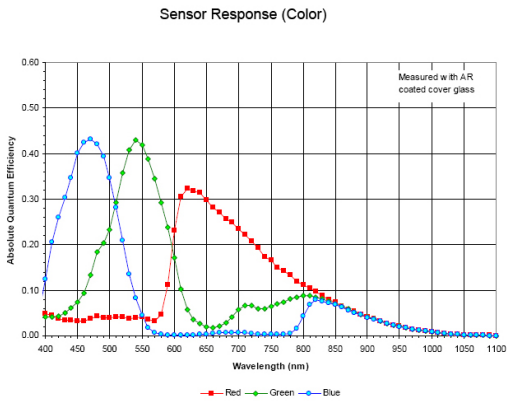
Features include:

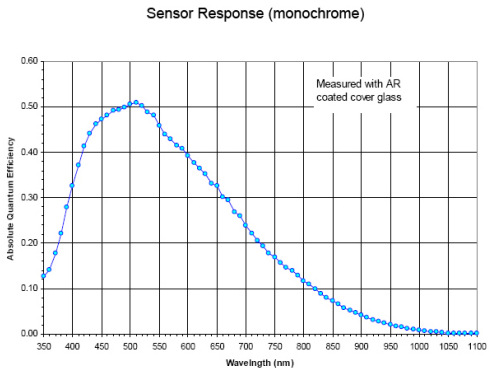
- 4/3" format - 3296 x 2472
- Thermal management enclosure
- Kodak KAI-08050 Progressive scan CCD
- 17 fps at full-resolution
- Gigabit Ethernet interface - Dual Port 240 MB/s

Specifications

Prosilica GX	GX3300
Resolution	3296 x 2472
Max frame rate at full resolution	17 fps
Type	CCD Progressive
Interface	Double Speed IEEE 802.3 1000baseT
A/D	14 bit
Output	8/14 (mono) - 8/12 (color) bit
Sensor Size	Type 4/3
Sensor	Kodak KAI-08050
Cell size	5.5 µm
On-board FIFO	128 MB
Body Dimensions (L x W x H in mm)	59.7 x 59.7 x 136.7 (including connectors, w/o tripod and lens)

Download Prosilica GX technical drawing (click here)





Smart features

The Prosilica GX3300 features include:

- 4/3" format - 3296 x 2472
- Kodak KAI-08050 Progressive scan CCD
- F-mount
- Thermal management enclosure
- StreamBytesPerSecond (easy bandwidth control)
- Advanced binning functions
- Global shutter (Snapshot shutter)
- 17 fps at full-resolution
- Gigabit Ethernet interface - Dual Port 240 MB/s
- GigE Vision compliant
- Asynchronous external trigger and sync I/O
- 128 MB resend/image buffer
- Screw-captivated power connection
- Software development Kit

Applications

The 8 Megapixel GX3300 is ideal for a wide range of applications including:

- LCD panel inspection
- high-resolution industrial inspection
- 3-D metrology, general machine vision
- public security
- military surveillance
- traffic imaging (Intelligent Traffic Systems)
- embedded systems
- OEM applications