GC655

Description

Very Small VGA CCD camera - 90 fps

The GC655 is a fast, VGA-resolution, high-performance machine vision camera with Gigabit Ethernet interface (GigE Vision®). The 1/2" CCD sensor has excellent image quality and sensitivity.
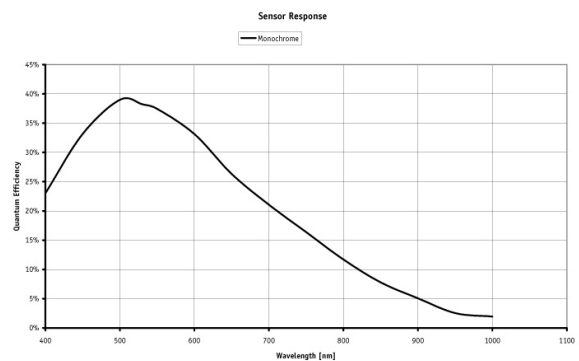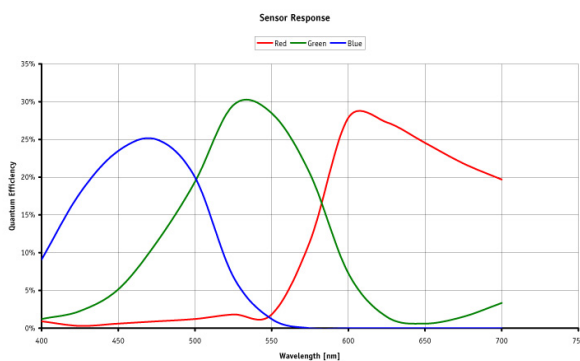
Features include:

- 90 fps at 640x480
- 1/2" Sony Progressive Scan CCD
- Global shutter (Snapshot shutter)
- Gigabit Ethernet interface

Specifications

Prosilica GC	GC655
Resolution	659 x 493
Max frame rate at full resolution	90 fps
Type	CCD Progressive
Interface	IEEE 802.3 1000baseT
A/D	12 bit
Output	8/12 bit
Sensor Size	Type 1/2
Sensor	Sony ICX414
Cell size	9.9 µm
On-board FIFO	16 MB
Body Dimensions (L x W x H in mm)	33x46x59 including connectors, w/o tripod and lens

Download Prosilica GC technical drawing (click here)

Smart features

The GC655 features include:

- 90 fps at 640x480
- 1/2" Sony Progressive Scan CCD
- Global shutter (Snapshot shutter)
- StreamBytesPerSecond (easy bandwidth control)
- Flexible binning
- Gigabit Ethernet interface
- Very small and light weight
- Compliant with the AIA GigE Vision standard
- Asynchronous external trigger and sync I/O
- Region of Interest readout (AOI partial scan)
- Software development Kit
- Color output modes include RGB color

Applications

The GC655 is ideal for a wide range of applications including:

- machine vision
- industrial inspection
- public security
- traffic monitoring
- robotics