

## GC1350



### Description

#### 1.4 Megapixel CCD camera with GigE Vision

The 1.4 Megapixel GC1350 is a high-resolution CCD camera with Gigabit Ethernet interface (GigE Vision®). The GC1350 incorporates a high-quality Sony ½" CCD sensor providing excellent monochrome and color image quality.

The GC1350 runs 20 frames per second at 1360x1024 resolution and even faster with region of interest readout. The GC1350 works with standard gigabit Ethernet hardware and cables and can have cable lengths up to 100 meters (300 ft) long using conventional Cat5e cabling.

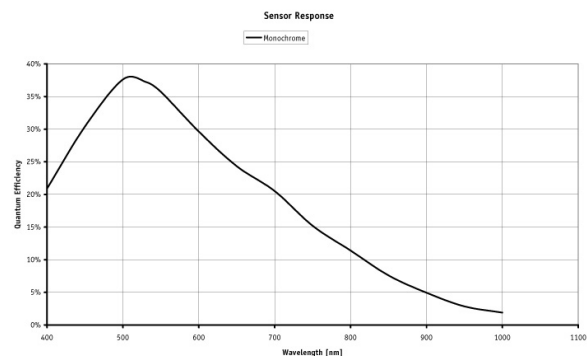
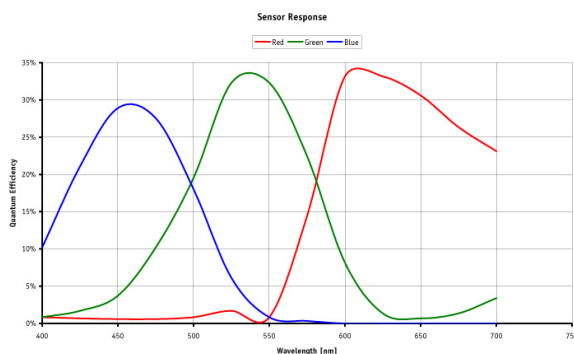
Features include:

- High resolution - 1.4 megapixels (1360x1024)
- Sony ½" Progressive scan CCD
- Gigabit Ethernet interface
- GigE Vision compliant

## Specifications

Prosilica GC	GC1350
<b>Resolution</b>	1360 x 1024
<b>Max frame rate at full resolution</b>	20 fps
<b>Type</b>	CCD Progressive
<b>Interface</b>	IEEE 802.3 1000baseT
<b>A/D</b>	12 bit
<b>Output</b>	8/12 bit
<b>Sensor Size</b>	Type 1/2
<b>Sensor</b>	Sony ICX205
<b>Cell size</b>	4.65 $\mu\text{m}$
<b>On-board FIFO</b>	16 MB
<b>Body Dimensions (L x W x H in mm)</b>	33x46x59 including connectors, w/o tripod and lens

[Download Prosilica GC technical drawing \(click here\)](#)



## Smart features

The GC1350 features include:

- High resolution - 1.4 megapixels (1360x1024)
- Sony ½" Progressive scan CCD
- Gigabit Ethernet interface
- GigE Vision compliant
- StreamBytesPerSecond (easy bandwidth control)
- Very small and light weight
- Region of Interest readout (AOI partial scan)
- Binning Modes 2x2 to 8x8 and more
- Global shutter (Snapshot shutter)
- Fast frame rates - 20 fps at full-resolution
- Long cables - up to 100 m on network cabling
- Asynchronous external trigger and sync I/O
- Software development Kit

## **Applications**

The GC1350 is ideal for a wide range of applications including:

- industrial inspection
- machine vision
- ophthalmology
- aeronautical and aerospace
- public security
- surveillance
- traffic imaging
- OEM applications