

1.4 Megapixel CCD Camera with GigE Vision

- Sony 1/2" Progressive scan CCD
- Global shutter (Snapshot shutter)
- Gigabit Ethernet interface
- Asynchronous external trigger and sync I/O
- Region of Interest readout (AOI partial scan)
- Fast frame rates - 20 fps at full-resolution



Resolution	1360 x 1024
Sensor Type	1/2" CCD Super HAD progressive scan Sony ICX205
Pixel Size (µm)	4.65 x 4.65
Maximum Frame Rate	20 fps at 1360 x 1024
Lens Mount	C-mount with adjustable back focus
Digital Interface*	GigE Vision 1.0
Interface Type	IEEE 802.3 1000baseT
Exposure Range	10µs to 60s
Region of Interest (ROI)	Independent x and y control; 1 pixel resolution
Binning	Independent H and V control
Imaging Modes	External Trigger, Fixed frame rate, Software trigger
External Trigger Modes	Rising edge, Falling edge, Any edge, Level high, Level low
External Sync Modes	Trigger ready, Trigger input, Exposing, Readout, Imaging, Strobe, GPO
External Trigger/ Sync Connection	mini-SMB and 12-pin Hirose
Monochrome Modes	Mono8, Mono16**
Color Modes	Bayer8, Bayer16, RGB24, YUV411, YUV422, YUV444
GPIO	1 isolated TTL input, 3 isolated TTL outputs, RS232 I/O
Power Consumption	3 W (12V)
Housing Size	39x51x63 mm
Weight	175 g
Conformity	CE, FCC, RoHS
SDK	Free - includes sample code and driver

*GigE Vision™ is a trademark of the Automated Imaging Association

**Mono16 is available on monochrome models only

Specifications are subject to change without notice

Please refer to the Prosilica web site for a full list of specifications

About the GE1350 / 1350C

The 1.4 Megapixel GE1350 is a high-resolution CCD camera with Gigabit Ethernet interface (GigE Vision*). The GE1350 incorporates a high-quality Sony 1/2" CCD sensor providing excellent monochrome and color image quality.

Applications for the GE1350 include :

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

The Prosilica Advantage

- Image quality
- High reliability
- High performance
- Ultra-Compact
- Ease of use and integration
- Rich set of camera features

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