



Description - 2 megapixel CCD camera with GigE Vision interface

The 2 Megapixel GE1600 is a high-resolution CCD camera with Gigabit Ethernet interface (GigE Vision*). The GE1600 incorporates a high-quality Sony CCD sensor providing excellent monochrome and color image quality. The GE1600 runs 15 frames per second at 1600 x1220 resolution and even faster with region of interest readout. The GE1600 works with standard gigabit Ethernet hardware and cables and can have cable lengths up to 100 meters (300 ft) long using conventional Cat5e or Cat6 cabling. Applications for the GE1600 include industrial inspection, machine vision, LCD panel inspection, ophthalmology, aeronautical and aerospace, public security, surveillance, traffic imaging, and OEM applications.

* GigE Vision standard. GigE Vision is a trademark of the Automated Imaging Association

Features

- § High resolution - 2 megapixels (1620x1220)
- § Sony Progressive scan CCD
- § Global shutter (Snapshot shutter)
- § Fast frame rate - 15 fps at full-resolution
- § Gigabit Ethernet interface
- § GigE Vision compliant
- § Long cables up to 100 m on network cabling
- § Region of Interest readout (AOI partial scan)
- § Binning modes
- § Software development kit
- § Asynchronous external trigger and sync I/O
- § 32 MB resend buffer
- § Screw-captivated power connection
- § Software development Kit



Models

GE1600, 1620x1220, 15 fps, CCD, Mono

GE650C, 1620x1220, 15 fps, CCD, Color