

GEViewer™ 100N

Connects a GigE camera directly to a monitor

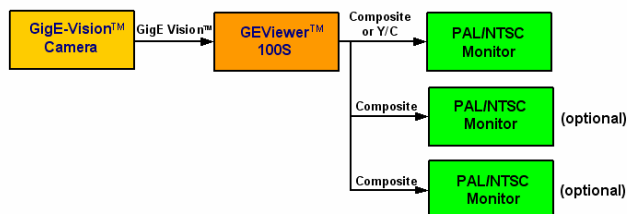
General Description

GigaLinx's GEViewer™ 100N is the first commercially available solution allowing direct connection of a GigE-Vision™ camera to a standard TV monitor.

GEViewer™ automatically extracts the camera's image parameters from the incoming video stream (e.g. resolution, pixel type) and drives the stream into one to three TV monitors simultaneously.

GEViewer™ is ideal for applications requiring monitoring by a human operator such as product/process inspection, vehicle/aircraft control and medical imaging. For such applications GEViewer™ replaces the PC, thus saving space, reducing cost and increasing reliability (no moving parts and no operating system).

System Block Diagram



Applications

GEViewer™ is ideal for applications requiring monitoring by a human operator:

- Product/Process inspection
- Vehicle/aircraft control
- Security
- Medical imaging

Key Features

- No PC required:
 - Small size
 - Increased reliability
 - Reduced cost
- Drives up to 3 composite monitors simultaneously.
- Multi-standard video output support:
 - Composite (CVBS)
 - Components S-Video (Y/C)
 - PAL
 - NTSC
- Easy to use

For more information on GigaLinx's GigE-Connect™ Connectivity Solution, please visit www.GigaLinx.net.

Specifications

Input Video

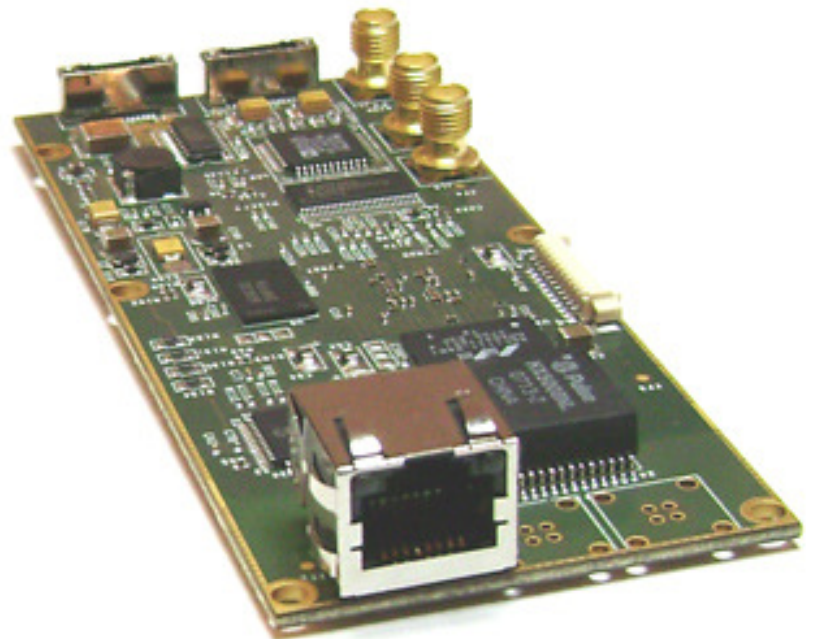
- **Input format:** GigE-Vision™
- **Data Formats:** Monochrome, RGB
- **Pixel Depths:** 8, 16, 24
- **Image size:** up to 720 X 576 (for PAL monitor)

Output Video

- **Output types:** 3 X Composite (CVBS) OR 1 Composite + 1 Components S-Video (Y/C)
- PAL / NTSC

Mechanical / Electrical

- **Board Size:** 119mm X 50mm
- **Power Supply:** 12V to 27V
- **Operating Temperature:** 0° to 70°



GEViewer™ 100M

PRELIMINARY

Specifications subject to change without prior notice

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