

FCC NOTICE

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

GV - 600

Multi Channel Image Capture Board



GV - 600 Rev. 2.0

Supports NTSC/PAL video
Supports image resolution up to 640X480
Max. 30 Frame image capture
Total 16channel video input
Watchdog function

Product Overview

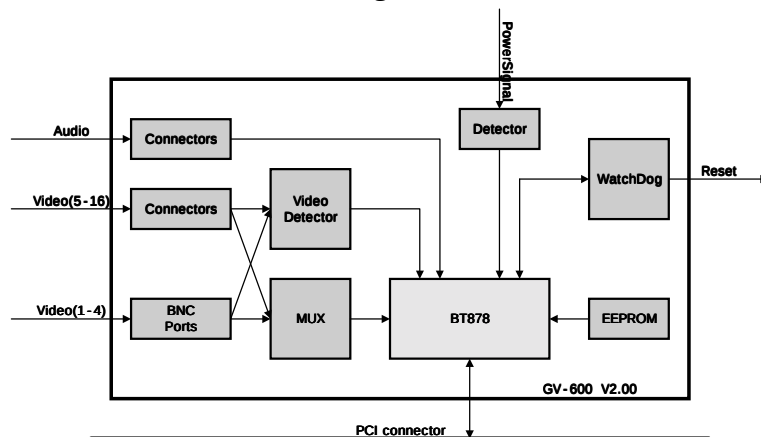
The GV-600 is a complete solution for multi channel image capture on the PCI bus. The GV-600 takes advantage of the PCI-based system's high bandwidth and inherent multimedia capacity. It is designed to be interoperable with any other PCI multimedia device.

The GV-600 has all the video capture features of BT878 chip. The GV-600 simplifies the computer/broadcast signal interface down to a single PCI connection.

General Features

- * PCI Rev. 2.1 compliant
- * Support NTSC/PAL video
- * Max. 30frame image capture
- * Total 16channel video input
- * Watchdog function
- * 640X480, 320X240, 160X120 image resolution

Functional Block Diagram



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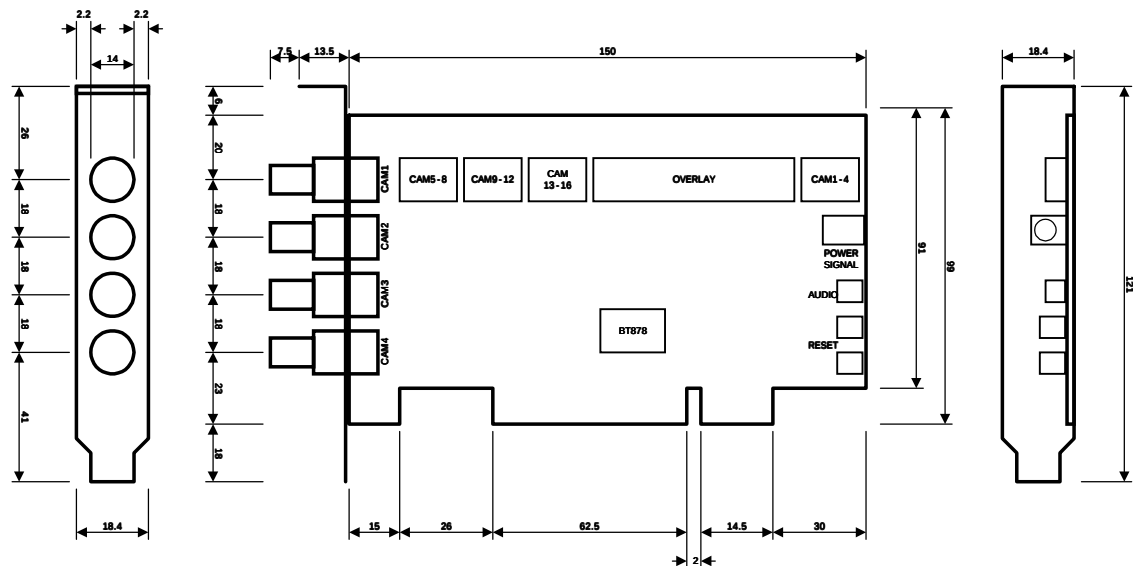
Applications

- * Digital Video Recorder
- * Image Capture System
- * Security System
- * Web Broadcast System
- * Video Conference System
- * Surveillance System

Specification

	GV-600 Rev 2.0
Interface	PCI connector, BNC x4, 5pin port x4, 40pin port, reset port x2
Resolution	640X480, 320X240, 160X120
Video Mode	YUV 4:2:2, RGB 24bit
Video Channel	Full 16 channels
Frame Rate	Max. 30FPS
Brightness	Adjustable
Hue	Adjustable
Saturation	Adjustable
Supplied Accessory	5pin connector, 40pin connector

Dimension



Notice

- * Geovision reserves the right to change the circuitry and specifications without notice.