

Video Splitter

GVS92/GVS94/GVS98
USER MANUAL

Read this guide thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit and/or any of the devices it connects to:

This package contains:

- 1 IOGEAR Video Splitter (GVS92 or GVS94 or GVS98)
- 1 DC 9V Power Adapter
- 1 User Manual
- 1 Warranty/ Registration Card

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PKG-M10031

Features

- Ultra high 250 MHz (GVS92 / GVS94) or 200 MHz (GVS98) bandwidth
- Superior video quality, maintains highest signal strength in all applications up to 1920 x 1440 (up to 1792 x 1344 with GVS98)
- Amplifies video signals increasing transmission distance up to 215 feet
- Daisy chainable, allows you to expand your video splitter set up beyond 2, 4, or 8 displays
- Hassle free, no software to install, instant installation and use.
- Hot plug capability, hot swappable, Plug-n-Play
- Compact design for easy placement
- All metal housing
- Supports DDC, DDC2, DDC2B at port 1

Note:

1. If you connect a DDC type monitor to Video Out Port 1, all other monitors must be able to support the highest resolution that the DDC monitor can provide.
2. These products are designed for VGA, SVGA, and Multisync monitors. They are not suitable for CGA, EGA, or MONO type monitors that use digital video signals.
3. For the best video quality, we recommend using UL2919 rated extender cables.

Welcome

Thank you for purchasing IOGEAR's Video Splitter. IOGEAR brings this cutting edge technology to you as a fast, easy, and superior solution for your video replicating needs. If you want to display the same information on several monitors at once, such as in a classroom environment, or at a demonstration, this high performance Video Splitter is the perfect solution!

Note:

Your product has been carefully packaged and inspected, and we hope you are pleased with the IOGEAR product you purchased. Please inspect the contents of the package to ensure that you have received all items and that nothing has been damaged. If you discover a problem, please contact your dealer immediately for assistance.

Contact Information:

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Introduction

Front View



1. Power LED light to indicate the unit is receiving power.

Overview

These video splitters are boosting devices that duplicate the video signal from any analog monitor source to two (GVS92); four (GVS94); or eight (GVS98) outputs. As such, they provide fast, flexible, solutions for situations such as:

- 1) Broadcasting video information (news headlines, stock prices, airline and train schedules, etc.), to your customers.
- 2) Monitoring harsh work environments from safe locations
- 3) A perfect solution for test benches, video walls, class rooms, data centers, and more.
- 4) Excellent for commercial use on buses, airplanes, tour vans, and more.

Instant installation and use: displays video up to 215 feet away at resolution up to 1920 x 1440. (up to 1792 x 1344 with GVS98)

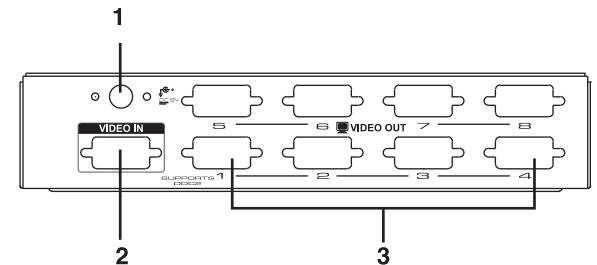
The GVS92, GVS94, and GVS98 are more than mere VGA duplicators; in fact, they also enhance the video signals over long distances, broadcasting your image up to 215 feet away.

In addition, units can be daisy chained to handle as many monitors as the installation requires, making them excellent solutions for public broadcast systems.

To achieve multiple high quality VGA, SVGA, or Multisync video signals over long distances, these video splitters are your best choice.

Introduction

Back View



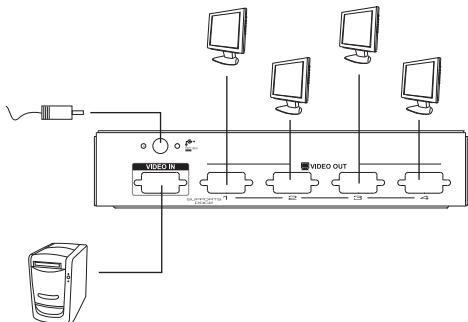
1. Power Jack
The cable from the power adapter plugs in here.
2. Video in Port
If this is a first stage unit, the cable from the PC's video port plugs in here.
If this is a daisy chained unit, the cable from the Video Out port of the higher-stage unit plugs in here.
3. Video Out Ports
The cables to the monitors can plug in to any available port.

Installation

Single Station Installation

To set up a single station, please perform the following:

1. Use a high density HDB-15 male/female video extender cable to connect the PC's video port to the Video In port of the Video Splitter.
2. Use high density HDB-15 male/female video extender cables to connect the Video Out ports of the Video Splitter to the monitors.
3. Plug the power adapter into an AC source; plug the power adapter cable into the Video Splitter's Power Jack.
4. Power up the monitors/displays and connected computers



Video Out PIN Assignments

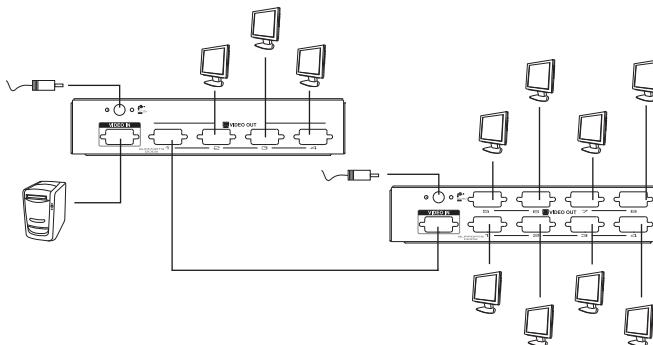
No	Assignment	No	Assignment
1	Red Video	9	NC
2	Green Video	10	Ground
3	Blue Video	11	ID0
4	ID2	12	ID1
5	Ground	13	Horizontal Sync
6	Analog Ground	14	Vertical Sync
7	Analog Ground	15	ID3
8	Analog Ground		

Installation

Daisy Chaining

If you wish to increase the number of displays in use, you may daisy chain additional Video Splitters together as shown below. Use a high density HDB-15 male/female video extender cable to connect any available Video Out port on the first level Video Splitter to the Video In port of the second level Video Splitter.

You can chain as many Video Splitters as there are ports available, plus all three models can be mixed and matched on the same chain. Theoretically, there is no limit to the number of splitters that can be chained, but the quality will deteriorate as you add Video Splitters and additional cable lengths.



Radio & TV Interference Statement

WARNING!!! This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference to radio communications. This equipment has been tested and found to comply within the limits for a class B device, pursuant to Subpart J of Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be required to correct the interference. There is no guarantee that radio frequency interference will not be created in particular locations.

IOGEAR® is not responsible for any radio or television interference caused by unauthorized modification of your mechanism or cables.

Specifications

Function	Specification
Power Consumption	0.85 W (GVS92)/ 1.62 W (GVS94)/ 3.42 W (GVS98)
Input Voltage	9V DC, 1.6A
Connector Type	VGA
Storage Temperature	-20 - 60°C (Celsius) / -4 - 140°F (Fahrenheit)
Operating Temperature	5 - 40°C (Celsius) / 41 - 104°F (Fahrenheit)
Operating Humidity	0 - 80% RH (Non Condensing)
Housing	Metal
Weight	0.7 (lbs) / 317 (g) (GVS92)
	0.9 (lbs) / 408 (g) (GVS94)
	1.1 (lbs) / 498 (g) (GVS98)
Dimensions (L x W x H)	1.5" x 5.0" x 3.0" / 3.8 x 12.7 x 7.6 (cm) (GVS92)
	1.5" x 7.75" x 3.0" / 3.8 x 19.6 x 7.6 (cm) (GVS94 & 98)

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to, but not limited to, revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or updates. For further inquires please contact your direct vendor.