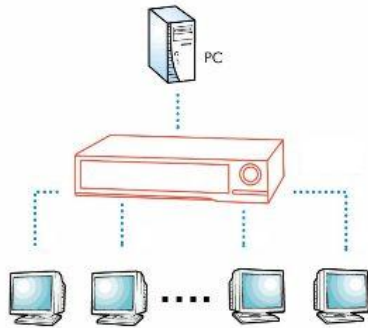## Overview

The VS-104 / VS-108 Video Splitter is a boosting device to duplicate the video signal from one source to 4 (VS-104) or 8 (VS-108) outputs, and is ideal for any monitor using analog signals. The VS-104 and VS-108 also extend the transmission distance up to 210 feet making them excellent for public broadcast systems.

To get multiple, high quality, VGA, SVGA or Multisync video signals over long distances without hassle, the VS-104 and VS-108 are your best choice.
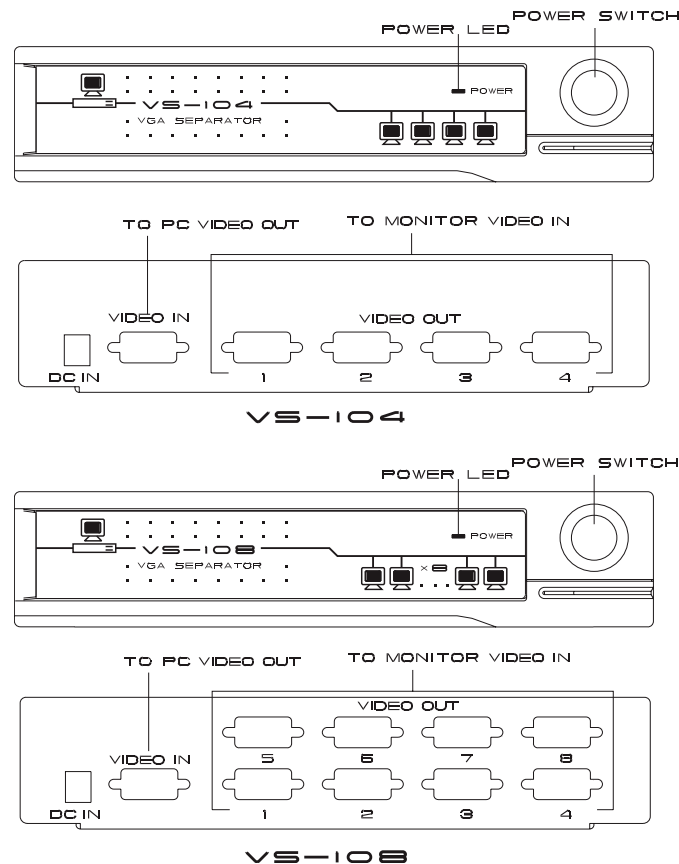
Features

- One Video Input to 4/8 Video Outputs
- Transmission Distance: 65m (210ft.)
- Suitable for SVGA, VGA and Multisync Monitors
- Daisy Chainable
- Power Saving Mode: Power LED Flashes to Indicate When Computer Is Off.
- Supports one XGA or VESA DDC Port (Video Out 1)
- DDC Compatible

> ⚠ If you connect a DDC type monitor to Video Out 1, all other monitors must be able to support the highest video resolution that the DDC monitor can provide.

Front and Rear Views

VS-104

VS-108

Note: 1. This product is not suitable for CGA, EGA, or Monochrome type monitors using a digital video signal.

2. UL2919 rated cable is recommended for the best video quality.
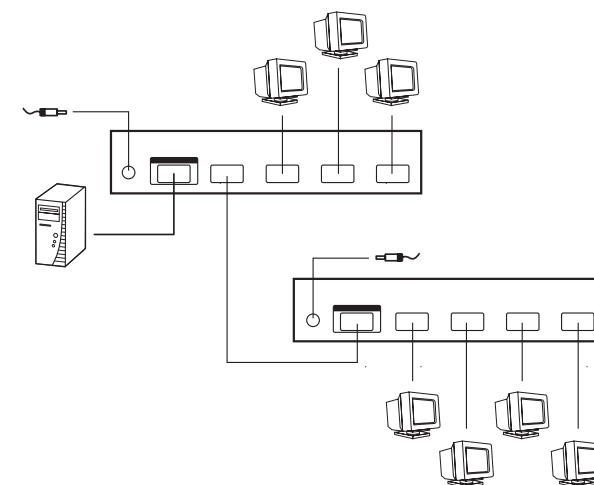
Installation

Standalone Installation

1. Connect the video signal from the PC to the VIDEO IN port of the Video Splitter with a high density HD-15 cable.

2. Connect the VIDEO OUT ports of the Video Splitter to the display monitors with high density HD-15 cables.

3. Plug the power adapter that came with this product into an AC source; plug the power adapter cable into the DC IN socket on the Video Splitter's rear panel.

4. Power on the Video Splitter.

5. There is a *gain control* switch on the bottom panel. For optimum video display, slide it toward the front panel for high gain (longer distance operation); slide it toward the rear panel for normal Gain (shorter distance operation).

Daisy Chain Installation

Both the VS-104 and VS-108 can be daisy chained:

1. Connect the Video Splitter's VIDEO OUT port to any VIDEO IN port of the lower stage Video Splitter with a Male to Female HD-15 cable.

2. Plug the Power Adapter into an AC source; plug the Power Adapter cable into the DC IN socket on the Video Splitter's rear panel.

3. Power on the Video Splitter.

4. Adjust the gain control switch for optimum video display.

5. Repeat steps 1 - 4 to daisy chain additional units.

Specifications

Function		VS-104	VS-108
Connectors	Input	1 High Density HD-15 M	
	Output	4 High Density HD-15 F	8 High Density HD-15 F
VGA Bandwidth (-3db)		250 MHz	200 MHz
VGA Res/Vert Freq.		1920 x 1440 @60 Hz	1600 x 1200 @60 Hz
Power Consumption		DC 9V, 180mA (max.)	DC 9V, 380mA (max.)
LEDs		1 Power Indicator	
Cable Distance		65M (210ft.) (max.)	
Signal Type		VGA, XGA, SVGA, UXGA, Multisync	
Slide Switch		Video Signal Gain Control	
Housing		Plastic & Metal	
Weight		1.20 kg	1.30 kg
Dimensions (L x W x H)		22.40 x 15.20 x 5.20 cm	

HD-15 Pin Assignments

Video In

Pin	Assignment	Pin	Assignment
1	Red video input	9	No pin
2	Green video input	10	Logic ground
3	Blue video input	11	ID bit
4	Ground	12	Serial data line (SDA)
5	Ground	13	H. Sync / H+V
6	Ground	14	V Sync (VCLK for DDC)
7	Ground	15	Data clock line (SCL)
8	Ground		

Video Out

Pin	Assignment	Pin	Assignment
1	Red video input	9	No pin
2	Green video input	10	Ground
3	Blue video input	11	ID bit
4	ID bit	12	Serial data line (SDA)
5	Ground	13	H. Sync / H+V
6	Ground	14	V Sync (VCLK for DDC)
7	Ground	15	No pin
8	Ground		

Preventing Radio & TV Interference

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. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated 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.

Limited Warranty

Video Splitter

User Manual

VS-104 / VS-108

Read this guide thoroughly and follow the installation and operation procedures carefully in order to prevent any damage to the units and/or any devices that connect to them.

This package contains:

- ◆ 1 VS-104 or VS-108 Video Splitter
- ◆ 1 Power Adapter
- ◆ 1 User Manual
- ◆ 1 Quick Start Guide

If anything is damaged or missing, contact your dealer.