

# VIDEO SPLITTER



(VS-812)  
1 In 2 Out



(VS-814)  
1 In 4 Out



(VS-818)  
1 In 8 Out



(VS-8116)  
1 In 16 Out

## USER MANUAL VS-812 / VS-814 / VS-818 / VS-8116

### Package Contents-

- 1 Smart View VS-812 or VS-814 or VS-818 or VS-8116 Video Splitter
- 1 user manual
- 1 power adapter DC 9V 600mA for VS-812, 814, 818 or 1 DC 7.5V 1.5A for VS-8116
- 2 rack rails, 8 screws for VS-8116 only

Any thing missed, please contact with your vendor.

## Introduction

Through the video splitter VS-812, VS-814, VS-818, VS-8116, you can use one PC to display identical image on 2,4,8,16 monitors or even more.

Video splitter is ideal for:

- Test bench facilities
- Data Center
- Help desks
- Video broadcasting:
  - Presentation
  - Stock quotes
  - Timetables
  - Educational facilities

## Features

- With 250 MHz pixel frequency.
- Extends the video signal up to 65 meter (213").
- Supports the DDC, DDC2, DDC2B. (For video out port 1)
- Can be cascaded.
- 1U rack design for VS-8116.
- The output is compatible with standard VGA card.

## Specifications

Function	VS-812	VS-814	VS-818	VS-8116
Video Input Connector (HD-15 Male)	1	1	1	1
Video Output Connector (HD-15 Female)	2	4	8	16
Max. Resolution	1920 x 1440 60 Hz			
Pixel Frequency	250 MHz			
Cable Distance (Device to Monitor)	65 m (213 ") Max.			
Signal Type	VGA, SVGA, XGA, Multisync			
Power Adapter (Min.)	DC 9V 600mA			DC 7.5V 1.5A
Housing	Metal			
Weight	420 g	455 g	680 g	1480 g
Dimensions (LxWxH)MM	130x75x42		200x75x42	343x105x42

## Technical Specifications

### Input/Output Signal

Pin #	Signal
1	Red video
2	Green video
3	Blue video
4	ID2
5	Ground
6	Analog Ground
7	Analog Ground
8	Analog Ground

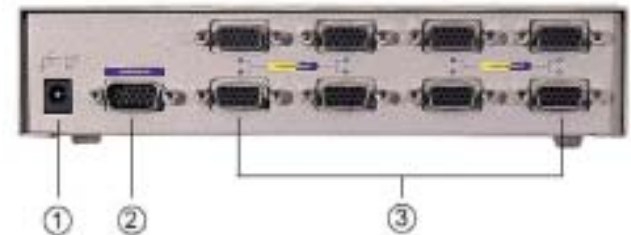
Pin #	Signal
9	NC
10	Ground
11	ID0
12	ID1
13	Horizontal Sync
14	Vertical Sync
15	ID3

### FRONT VIEW



1. Power LED

### REAR VIEW



- Input Power Jack
- "Video In" Port
- "Video Out" Port

\*There are 2/4/8/16 out ports for VS-812 / VS-814 / VS-818/ VS-8116.

# Installation

1. Turn off the PC and monitors.
2. Connect the HD-15 video extension cable between the PC and the “video in” port of splitter.
3. Connect the HD-15 video extension cables between the monitors and the “video out” ports of splitter.
4. Connect the power cord and turn on the splitter.
5. Turn on the PC and monitors.

## Note:

- If you install the DDC monitor for the splitter, the rest of monitors must be the same resolution as the DDC monitor.
- Available monitors include the VGA, SVGA, XGA, Multisync, and exclude the CGA, EGA, Mono.

P.S.: The example cascades the 4 and 8 ports splitters; however, you can cascade the video splitter with demanded port.

## Trademarks:

All the companies, brand names, product names are referred to this manual, are the trademarks or registered trademarks belonging to their respective companies.

# Operation for cascade:

1. The function to display identical image on more monitors, you request to attach another splitter.
2. Connect the HD-15 male/male video extension cable between the “video out” port of the former splitter and the “video in” port of the latter splitter.

## Note:

Even though you are allowed to cascade the splitter with varied ports, the image might become unstable if cascade too many tiers of splitters.

