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		200x75 x42	343x105 x42

Technical Specifications
Input/Output Signal

Pin #	Signal		Pin #	Signal
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			

FRONT VIEW

1. Power LED

REAR VIEW
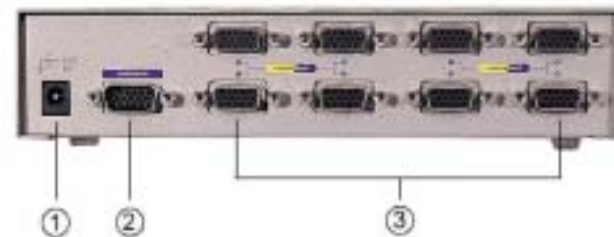
1. Input Power Jack
2. "Video In" Port
3. "Video Out" Port

*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.

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.

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

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