VIDEO SPLITTER

(VS-812PF)
1 In 2 out

(VS-814PF)
1 In 4 Out

(VS-818PF)
1 In 8 Out

(VS-8116PF)
1 In 16 Out

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

Package Contents-
- 1 Smart View VS-812PF or VS-814PF or VS-818PF or VS-8116PF Video Splitter
- 1 user manual
- 1 power adapter AC 7.5V 800mA for VS-812PF, 814PF, 818PF or 1 DC 7.5V 1.5A for VS-8116PF
- 2 rack rails, 8 screws for VS-8116PF only

Any thing missed, please contact with your vendor.

Introduction

Through the video splitter VS-812PF, VS-814PF, VS-818PF, VS-8116PF, 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 desk
- Video broadcasting:
  Presentation
  Stock quotes
  Timetables
  Educational facilities

Features

- With 400 MHz pixel frequency.
- Extends the video signal up to 65 meter (213 feet).
- Supports the DDC, DDC2, DDC2B. (For video out port 1)
- Can be cascaded.
- 1U rack design for VS-8116PF.
- The output is compatible with standard VGA card.

Specifications

Function	VS-812PF	VS-814PF	VS-818PF	VS-8116PF
Video Input Connector (HD-15 Female)	1	1	1	1
Video Output Connector (HD-15 Female)	2	4	8	16
Max. Resolution	2048 x 1536 60 Hz			
Pixel Frequency	400 MHz			
Cable Distance (Device to Monitor)	65 m (213 feet) Max.			
Signal Type	VGA, SVGA, XGA, QXGA, UXGA, Multisync			
Power Adapter (Min.)	AC 7.5V 800mA			DC 7.5V 1.5A
Housing	Metal			
Weight	420 g	455 g	680 g	1480 g
Dimensions (LxWxH)	130x75x42 mm		200x75 x42 mm	343x105 x42 mm

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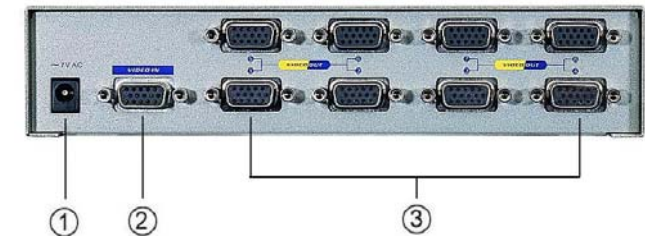
1. Input Power Jack
2. "Video In" Port
3. "Video Out" Port

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

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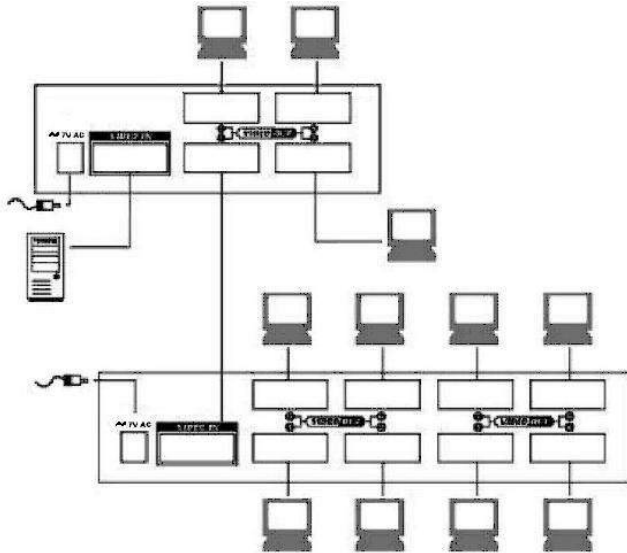
P.S.: The example cascades the 4 and 8 ports splitters; however, you can cascade the video splitter with demanded port.

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