



- ▶ Output an HDMI signal to two separate displays
- ▶ Supports resolutions to 4K@30Hz and 36-bit deep color
- ▶ Supports HD multichannel uncompressed audio
- ▶ Supports 3D video
- ▶ HDMI bus powered, needs no external supply
- ▶ Input and output active video LED indicators
- ▶ Gold plated connectors

Features and Benefits

- Connect two HDMI monitors, projectors or LCD displays to a single HDMI video source
- Supports 16:10 computer resolutions to 1920×1200@60Hz, and 16:9 video resolutions to 3840×2160@30Hz
- Video bandwidth to 340MHz per channel for a combined data rate of 10.2Gbps
- Supports 36-bit Deep Color and 3D video
- HDCP compliant
- Link LED's for input and output video
- Powered from the HDMI bus. For longer cable distances, an optional external +5V power supply may be required
- Gold plated HDMI connectors
- Ideal for classrooms, boardrooms, trade shows, exhibition displays, and retail advertising or display

Product Overview

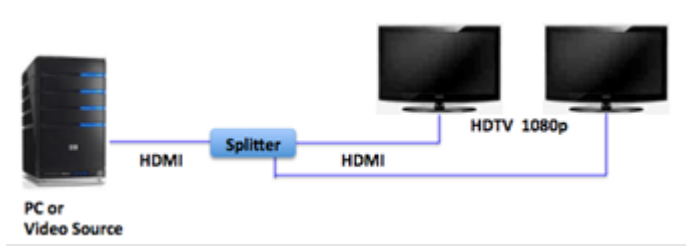
The Rose Electronics VideoSplitter HDMI 4K PT is a versatile device that can be used in a variety of applications. It enables simultaneous viewing of a single HDMI high definition video source between two HDMI displays.

The VideoSplitter HDMI 4K PT is easy to use. Simply connect the unit between the desired video source and destination displays and the unit is ready to use. No software installation is required.

The VideoSplitter HDMI 4K PT is powered by the HDMI video source and can function without an external power supply. When an (optional) external power is used, the splitter can send signals as far as 45ft away (15m).

Video resolutions up to 1080p on high-definition displays and 1920×1200 on computer monitors can be transmitted by the unit. Supports 36-bit per channel deep color and 3D video.

Typical Application



VideoSplitter HDMI 4K PT configuration

Introduction The versatile VideoSplitter HDMI 4K PT can be used for exhibition displays, HDTV retail signage, STB, DVD and Projector applications. It is ideal for use in classrooms, boardrooms or trade shows. The VideoSplitter can be used for any application where a single HDMI video source is to be cloned to two high definition displays.

Installation The VideoSplitter HDMI 4K PT is simple to install. Turn off power to the video source and the destination displays. Connect the attached HDMI cable to the video source. Using HDMI cables (not included), connect the output HDMI connectors on the unit to the destination displays.

As the VideoSplitter HDMI 4K PT is HDMI interface powered, it is not necessary to use a power supply, however for longer cable lengths, it will be necessary to connect an external power adapter to the unit.

Power up the displays, followed by video source. If no video is seen on the displays, or if the video is of poor quality, apply external power to the unit.

Cables Two HDMI cables are needed to connect the VideoSplitter HDMI 4K PT to the display monitors, or to another unit to cascade it.

Specifications

Dimensions (W x D x H)	3.2" x 2.3" x 0.71" 81.3 x 58.4 x 18 mm
Power	HDMI interface powered 100-240 VAC, 50-60Hz, +5VDC 5A (optional)
Video resolutions supported	16:10: Up to 1920x1200@60Hz 16:9: 720p, 1080i, 1080p 4K(3840x2160p) 4:3: 480i, 480p, 576i, 576p
Video format	HDMI 1.3b plus HDCP 1.0/1.1
Video bandwidth	10.2Gbps/340MHz
Color depth	36-bit per channel, Deep color and 3D video
Signal LED's	1 x HDMI active input signal LED 2 x HDMI active output signal LED's
Connectors	Input: 23 inch (580mm) integrated HDMI cable Output: HDMI: 2xHDMI Type A External Power: Barrel jack
Environment	Operating temp: 32°F – 104°F (0°C – 40°C) Storage temp: -4°F – 140°F (-20°C – 60°C) Rel. humidity: 20% to 90% non-condensing
Approvals	FCC part 15 Class B, ICES-003

Part numbers

VS-1x2HDMI-4K/PT	2 port HDMI 4K VideoSplitter
CAB-HDMIMMnnn	HDMI male to male cable, nnn = length
TFR-05D500WSUB-1.3F	Power supply (optional)



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