



- ▶ Distribute a single HDMI UltraHD 4K2K signal to 2, 4 or 8 HDMI monitors
- ▶ Supports HDMI video up to 4K2K@60Hz
- ▶ Supports all 3D video formats and digital audio
- ▶ HDCP 2.2 / 1.4 compliant
- ▶ User adjustable EDID management
- ▶ Uses standard length HDMI compliant cables

## Features and Benefits

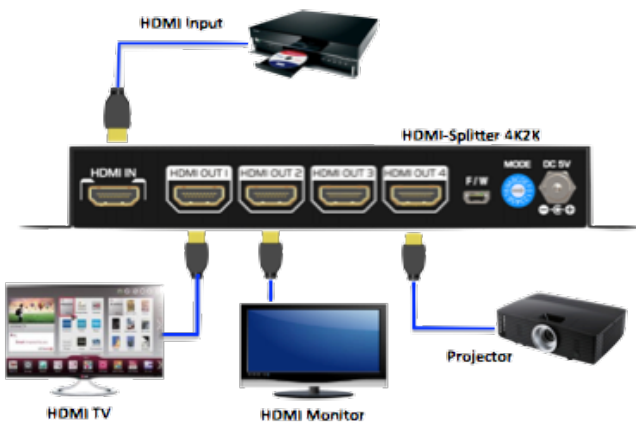
- Connect two, four or eight HDMI LCD displays or projectors to a single HDMI video source
- Supports up to 4K2K@60Hz UltraHD video
- Video bandwidth to 600MHz per channel for a combined data rate of 18Gbps
- Supports Deep Color, 3D video and x.v.color
- HDCP 2.2 compliant
- Auto EDID and learn EDID functions ensure a balanced video display across all monitors
- Ideal for HDTV retail signage, exhibition displays, STB, DVD, boardroom and projector applications

## Product Overview

The HDMI VideoSplitter HD4K60 provides an invaluable and cost-effective method for distributing an HDMI UltraHD video source to multiple HDMI/DVI displays. If DVI monitors are used, then an additional HDMI-DVI adapter cable will be required.

It is an essential tool for users who need to quickly assemble a professional video display environment such as exhibition demonstrations, training seminars and meeting room presentations.

If some display monitors are located at an extended distance from the video source, or on different floors of a building, then use one of Rose Electronics' HDMI extenders for long distance CATx or fiber extension. For added convenience, the HDMI VideoSplitter HD4K60 can be cascaded to provide additional ports.



4 port HDMI VideoSplitter HD4K60



2 port HDMI VideoSplitter HD4K60

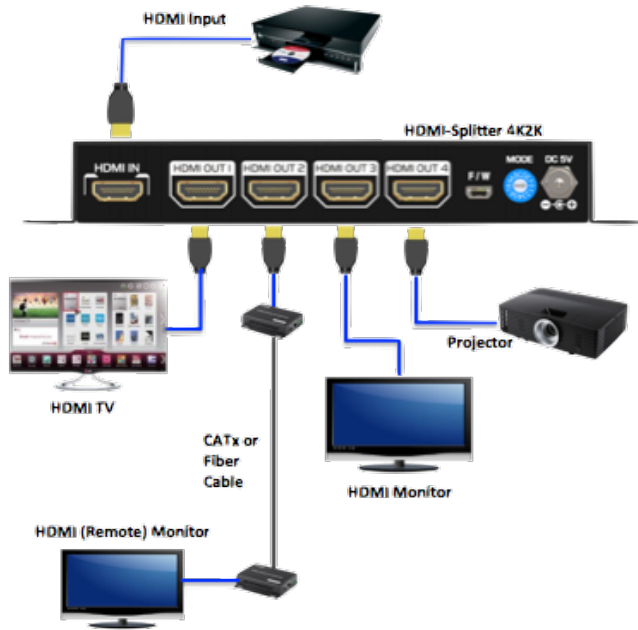


4 port HDMI VideoSplitter HD4K60



8 port HDMI VideoSplitter HD4K60

## Typical Application



4 port HDMI VideoSplitter HD4K60 with extended video

### Application examples

Other application environments for the HDMI VideoSplitter HD4K60 include shopping centers, control rooms, dealer rooms, restaurants, hospitals and security.

**Operation** To operate the HDMI VideoSplitter, simply connect the monitors and the video source to the HDMI VideoSplitter HD4K60, connect the power cable, then power on the monitors followed by the video source.

**Installation** The HDMI VideoSplitter HD4K60 is simple to install. Turn off power to the video source and the destination displays. Connect an HDMI input cable to the video source. Using HDMI cables connect the display monitors to the HDMI output ports.

Power up the displays, followed by the video splitter and then the video source.

## Specifications

<b>Dimensions (W x D x H)</b>	2 port: 4.4 x 2.5 x 1.0" (113 x 62.5 x 25mm) 4 port: 6.1 x 3.3 x 1.0" (154 x 83 x 25mm) 8 port: 9.5 x 3.9 x 1.0" (243 x 98 x 25mm)
<b>Weight</b>	2 port: 1.02 lbs (460g) 4 port: 1.28 lbs (580g) 8 port: 1.9 lbs (880g)
<b>Power</b>	100-240 VAC, 50-60Hz, +5VDC 4A
<b>Video resolutions supported</b>	4K2K@60Hz (4:2:0, 10 bits), 384 MHz 4K2K@60Hz (4:4:4, 8 bits), 594MHz All 3D video formats xvYCC, x.v.color and deep color
<b>Digital audio</b>	7.1 channel LPCM, Dolby True HD Dolby Digital™ and DTS-HD Master Audio™, DVD-Audio, SACD, MPCM
<b>Video bandwidth</b>	Up to 18Gbps. 25-600MHz/channel
<b>Compliance</b>	HDMI 2.0a, DVI 1.0, HDCP 2.2/1.4
<b>EDID management</b>	Automatically detects/learns EDID via front panel rotary control switch
<b>ESD protection</b>	Human Body Model - +/- 19kV (air-gap discharge and +/- 12kV contact discharge), Core Chipset - +/-2kV
<b>Connectors</b>	Output: 2,4 or 8 x HDMI Type A Input: 1 x HDMI Type A 1 x DC power jack 1 x mini USB for firmware upgrade
<b>Environment</b>	Operating temp: 32°F – 104°F (0°C – 40°C) Rel. humidity: 20% to 90% non-condensing
<b>Approvals</b>	FCC, CE, RoHS

## Part numbers

<b>VSP-2xHDMI-4K60</b>	2 port HDMI VideoSplitter HD4K60
<b>VSP-4xHDMI-4K60</b>	4 port HDMI VideoSplitter HD4K60
<b>VSP-8xHDMI-4K60</b>	8 port HDMI VideoSplitter HD4K60
<b>CAB-HDMIMMnnn</b>	HDMI male to male cable, nnn = length
<b>ACC-DVIFHDMIM</b>	HDMI(M) to DVID(F) adapter cable

### Mode Dial Control

The "Mode" rotary control button has settings for UltraHD EDID (4K2K@60Hz), Full HD EDID (1080p@60Hz), HD EDID (1080p@30Hz, 1080i@60Hz and 720p@60Hz). This rotary control is also used for selecting the EDID Learning and EDID Automatic settings for uploading new monitor information. The Mini USB port is used for firmware updates.



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