8-Port 4K 60Hz HDMI Splitter

Product ID: ST128HD20

This 4K HDMI splitter lets you connect your HDMI video source to eight HDMI displays, with support for Ultra HD resolutions and HDR (High Dynamic Range) as well as 7.1 surround sound audio.

This 8-port 4K 60Hz HDMI splitter offers full support for your HDMI 2.0 equipment, including true 4K resolution at 60Hz. For smoother video and color transitions, the splitter offers 4:4:4 chroma subsampling, meaning every pixel gets its own unique color. Support for HDMI 2.0 devices means this splitter can transmit bandwidth up to 18Gbps, making it the ideal solution for high-resolution tasks requiring the highest color detail.

Note: In order to support 4K 60Hz coming through the splitter, each device in the chain must support HDCP 2.2.

The splitter supports HDCP 2.2 and is backward compatible with 4K 30Hz and 1080p displays. This ensures that it will work with lower resolution displays such as TVs or projectors around your site or in your digital signage application.

The 4K HDMI splitter offers easy plug-and-play installation with no additional software or drivers required. The splitter passes EDID between your video source and the display attached to port 1, ensuring native settings such as resolution and refresh rate are configured automatically.

The ST128HD20 is backed by a 2-year StarTech.com warranty.

Certifications, Reports and Compatibility

Applications

• Output and split your 4K 60Hz HDMI signal to eight different HDMI displays

• Distribute 4K 60Hz video to computer monitors that require the highest quality of image detail, such as in control centers or video production studios

• Share corporate information or advertising on multiple displays with digital signage

• Display the same information on multiple displays in the waiting rooms of healthcare or educational institutions

Features

• 8-PORT HDMI SPLITTER: Displays the same image with sound on 8 screens; Splits an HDMI video signal up to Ultra HD 4K 60Hz & 7.1 CH audio; 4:4:4 chroma subsampling support w/ bandwidth up to 18Gbps (HDMI 2.0b); HDR; HDCP 2.2 to HDCP 1.4 conversion

• EDID EMULATION: 1x8 HDMI splitter 4K automatically passes EDID between your video source and the display attached to port 1 ensuring native settings (such as resolution and refresh rate) are configured

• AUDIO SUPPORT: Audio output is supported on all ports simultaneously; Support for 7.1 surround sound audio including Dolby True HD and DTS HD Master Audio

• LONG REACH: Reach up to 16.4ft (5m) with a passive HDMI cable; For longer distances, active HDMI cables or HDMI extenders are available (sold separately) to use with this HDMI splitter for eight TVs/projectors/monitors/displays

• EASY SETUP: No drivers required for this 1-input 8-output UHD HDMI 2.0 splitter box; Simply connect cables and power with the EDID switch set to Auto to get started; Wide screen monitor formats supported; HDMI/DVI compatible

Hardware

	Warranty	2 Years
	AV Input	HDMI
	Ports	9
	AV Output	HDMI
	Cabling	HDMI
	Audio	Yes
	Industry Standards	HDMI 2.0
		HDCP 2.2

Performance

	Maximum Digital Resolutions	3840x2160 (4K) @ 60Hz

Supported Resolutions	2560x1600
	1920x1200
	1920x1080 (1080p)
	1280x720 (720p)
Wide Screen Supported	Yes
Audio Specifications	7.1 surround sound

Connector(s)

Connector A	1 - HDMI (19 pin)
Connector B	8 - HDMI (19 pin)

Special Notes / Requirements

Note	This video splitter is not compatible with the AMD Radeon RX460 graphics card
	Connect the HDMI display with the lowest resolution and refresh rate capability to output #1, If HDCP 1.4 display is connected to port #1 the whole system defaults to HDCP 1.4.

Indicators

LED Indicators	1 - power LED
	1 - input LED
	8 - output LEDs

Power

Input Voltage	100 - 240 AC
Input Current	0.6A
Output Voltage	5 DC
Output Current	3 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	15 W

Environmental

	Operating Temperature	0 to +45
	Storage Temperature	-10 to 70
	Humidity	10% to 85 % RH (no condensation)

Physical Characteristics

	Color	Black
	Material	Steel
	Product Length	10.2 in [25.8 cm]
	Product Width	4.3 in [11 cm]
	Product Height	1.0 in [2.6 cm]
	Weight of Product	26.9 oz [762 g]

Packaging Information

	Package Quantity	1
	Package Length	12.8 in [32.6 cm]
	Package Width	10.2 in [26 cm]
	Package Height	2.9 in [7.4 cm]
	Shipping (Package) Weight	2.7 lb [1.2 kg]

What's in the Box

	Included in Package	1 - HDMI splitter
		1 - universal power adapter (NA/JP, UK, EU, ANZ)
		1 - set of mounting brackets

*Product appearance and specifications are subject to change without notice.