

2-Port HDMI Splitter (1x2) - 4K 60Hz UHD HDMI 2.0 Audio Video Splitter w/ Scaler & Audio Extractor (3.5mm/SPDIF) - Dual HDMI Splitter (1-In 2-Out) - EDID Copy - TV/Projector

Product ID: ST122HD20S



This 2-port HDMI splitter lets you connect your HDMI video source to two HDMI displays, with support for Ultra HD resolutions and HDR (High Dynamic Range) as well as 7.1 surround sound audio.

This 2 way HDMI splitter offers full support for your HDMI 2.0b 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.

The HDMI 2.0 splitter supports HDCP 2.2 and is backward compatible with 4K 30Hz, 1080p and 720p 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. With the built-in scaling function, the HDMI 1 in 2 out splitter can output to two displays at different resolutions simultaneously.

StarTech.com conducts thorough compatibility and performance testing on all our products to ensure we are meeting or exceeding industry standards and providing high-quality products to IT Professionals. Our local StarTech.com Technical Advisors have broad product expertise and work directly with our StarTech.com Engineers to provide support for our customers both pre and post-sales.

The ST122HD20 is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Output and split your 4K 60Hz HDMI signal to two different HDMI displays with different resolutions
- Distribute 4K 60Hz video to monitors or TVs that require the highest quality of image detail, such as in control centers or video production studios
- Display corporate information or advertising on multiple displays at a shopping center
- Display the same information on multiple displays in the waiting rooms of healthcare facilities

Features

- **2-PORT HDMI SPLITTER:** Displays the same image with sound on 2 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 MANAGEMENT SWITCH:** 1x2 HDMI splitter is capable of outputting 2 different display resolutions w/ a built-in scaler (EDID Auto) or copy the EDID settings from output port 1 to the other display at the desired resolution (720p & up) (EDID Copy)
- **FLEXIBLE AUDIO SUPPORT:** 3 different audio outputs HDMI/3.5mm port/Optical digital port for output to speakers/amplifiers; Audio output is supported on all ports simultaneously; Support Digital to Analog conversion (DAC)
- **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 dual TVs/projectors/monitors/displays
- **EASY SETUP:** No drivers required for the 1-Input 2-output UHD HDMI 2.0 splitter box; With the EDID switch set to Auto, simply connect the cables and power to start using; Wide screen monitor formats supported; HDMI/DVI compatible

Hardware

Warranty	2 Years
AV Input	HDMI - 2.0
Ports	2
AV Output	HDMI - 2.0
Audio	Yes
Industry Standards	HDMI 2.0b

Performance

Video Revision	HDMI 2.0b
Maximum Data Transfer Rate	18 Gbps

Maximum Cable Length	16.4 ft [5 m]
Maximum Digital Resolutions	3840x2160 (4K) @ 60Hz 3840x2160 (4K) @ 30Hz 1920x1080 (1080p) 1280x720 (720p)
Wide Screen Supported	Yes
Audio Specifications	7.1 surround sound
MTBF	50,000 hours

Connector(s)

Connector A	1 - HDMI (19 pin)
Connector B	2 - HDMI (19 pin) 1 - Toslink (SPDIF, Optical) 1 - 3.5 mm Mini-Jack (3 Position)

Indicators

LED Indicators	1 - Power LED 1 - Input LED 2 - Output LEDs
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Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.35
Output Voltage	5V DC
Output Current	1A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	5

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