



## 1x4 HDMI Splitter with Scaler

SP1X4-4KUHD

SKU: 71257    UPC: 819932012476

The LINK SP1X4-4KUHD is a 1 x 4 HDMI splitter with scaler, reliably distributes one HDMI input signal to four outputs at resolutions up to 4K@60Hz 4:4:4 chroma sub-sampling. It follows HDCP 2.2 and HDMI 2.0b specifications, including supported data rates up to 18 Gbps, HDR (high dynamic range), 3D and HD lossless audio formats.

With the built-in scaler, when connected to different displays, the corresponding HDMI output is capable of scaling down automatically (down to 1080P) to feed an optimal output signal to its attached display.

The splitter provides HDCP management which continuously authenticates HDCP encryption between all devices, ensuring correct source content is output to each display. It also features automatic input cable equalization, actively conditions input HDMI signals to compensate for signal loss when using long cables or cascading multiple units.

### Features

- 1x4 4K HDMI Splitter
- Supports resolutions up to 4k@60hz
- 4:4:4 8bit, HDR and HDCP 2.2 compliant
- Each HDMI output supports scaling down to 1080P individually (fps will not change during scaling down from 4K to 1080P)
- HDMI Input and output cable length up to 10m/33ft + 15m/50ft for 4Kx2K@30Hz, up to 5m/16ft +5m/16ft for 4Kx2K@60Hz
- Automatic input cable equalization for signal regeneration compensation
- Mounting tabs included

Video	
Input	1 x HDMI IN (Type-A female connector)
Output	4 x HDMI OUT (Type-A female connector)
Input/Output Signal Type	HDMI, HDCP 2.2
Input/Output Resolution Supported	<p>VESA: 800x600<sup>8</sup>, 1024x768<sup>8</sup>, 1280x768<sup>8</sup>, 1280x800<sup>8</sup>, 1280x960<sup>8</sup>, 1280x1024<sup>8</sup>, 1360x768<sup>8</sup>, 1366x768<sup>8</sup>, 1440x900<sup>8</sup>, 1600x900<sup>8</sup>, 1600x1200<sup>8</sup>, 1680x1050<sup>8</sup>, 1920x1200<sup>8</sup></p> <p>SMPTE: 720x480P<sup>7,8</sup>, 720x576P<sup>6</sup>, 1280x720P<sup>6,7,8</sup>, 1920x1080P<sup>6,7,8</sup>, 3840x2160P<sup>2,3,5,6,8</sup>, 4096x2160P<sup>2,3,5,6,8</sup></p> <p>1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = 60 Hz</p>
Maximum Data Rate	18 Gbps

Maximum Pixel Clock	600MHz
Input Video Signal	0.5~1.2 Vp-p
<b>Audio</b>	
Audio Format Supported	Fully supports audio formats in HDMI 2.0 specification, including PCM, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, DTS:X
<b>General</b>	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV(Air-gap discharge)/ ±4kV(Contact discharge)
Power Supply	DC 5V 1A
Power Consumption (Maximum)	4K: 1.8W 1080P: 1.1W
Device Dimension (W x H x D)	5.5" x 0.8" x 2.6" (140mm x 20mm x 65.2mm)
Product Weight	0.24kg/0.53lb
Certification	CE, FCC