

## 1x4 HDMI Splitter w/ 4K 60Hz 4:4:4 HDCP 2.2 Audio out & Scaler



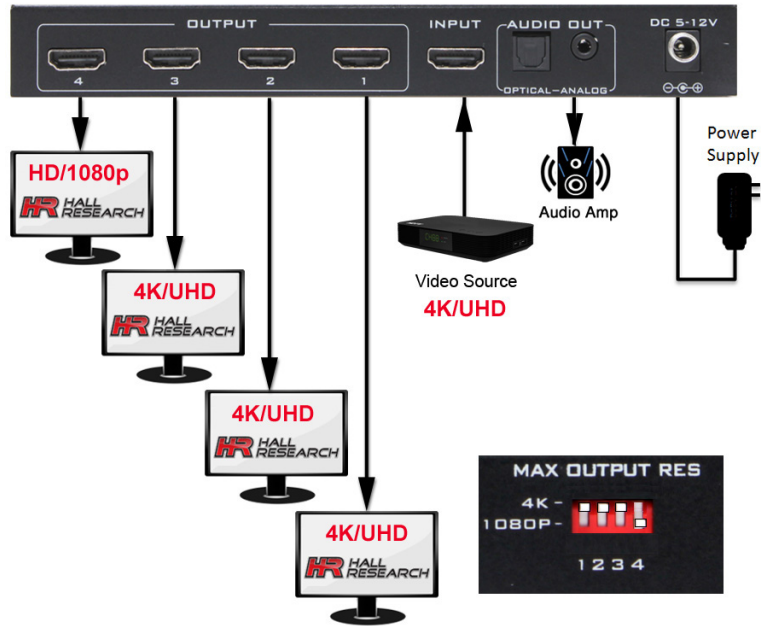
- Lossless Ultra HD 4K distribution to 4 UHD or HD outputs
- Supports 4K UHD @ 60 Hz 4:4:4, HDCP 2.2 and HDR
- Supports 30/36/48 bit color depth
- Full 3D video support including frame packing up to a 297 MHz TMDS clock
- Provides De-embedded analog and digital audio outputs
- Can Scale 4K to 1080p independently at each output (can mix 4K and 1080p TVs)
- Smart EDID Management
- LED status indicators for source signal, and 4 output connections
- High bit-rate digital audio - DTS-HD, Dolby True HD, DTS, Dolby- AC3, LPCM 7.1 and DSD
- Can be cascaded up to 3 levels
- Each of the buffered outputs can run up to 12 meters (40 feet) using quality HDMI cables
- Locking DC input power supply connector

This splitter can distribute an HDMI audio/video source to up to 4 displays simultaneously without any loss. It is compliant to HDCP 2.2 and supports 4K UHD resolutions up to 4K @ 60Hz (4:4:4), HDR and 3D. This splitter can drive each buffered output up to 12 meters (40 feet) on quality HDMI cables.

The splitter is capable of scaling 4K signal down to 1080p independently for each output. This allows users to accept a 4K video source and distribute it to a mix of 4K and 1080p TVs without downgrading the image for all outputs. Users can simply set the max resolution at each output to be 4K or 1080p.

The device is HDCP compliant, digitally splits, and buffers the input signal for a 100% perfect image and sound reproduction on all outputs. The splitter also provides analog L/R and digital SPDIF (TOSLINK) outputs for connection to audio amplifiers, headphones, etc.

## Block Diagram



## Specifications

Video Standards	HDMI 2.0, HDCP 2.2
Input Port	(1) HDMI Type A [19-pin female]
Output Ports	(4) HDMI Type A [19-pin female]
Video Resolutions	Up to 4K-2K @60Hz (4:4:4 3840x2160 @30)
3D Format	1080P @60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	30/36/48
Bandwidth	Single-link to 340 MHz (10.2 Gbps)
Audio Formats	LPCM 7.1, Dolby TrueHD, DTS-HD Master Audio, DTS, Dolby-AC3, DSD
Power Supply	12V DC, 1A (with universal AC plug kit)
Max Power Consumption	10W (Max)
Temperature/Humidity	Storage: -4 to +140 °F (-20 to +60°C)
Operating:	+32 to +122 °F (0 to +50 °C)
Relative Humidity:	20 ~ 90%RH (Non-condensing)
Enclosure Type:	Metal
ESD Protection	Human Body model: 8kV (air-gap discharge) & 4kV (contact discharge)
Dimensions (W x D x H)	7.56 x 3.31 x 0.98 inch (84 x 192 x 25 mm)
Product Weight	Model - 1.0 lb (0.45kg)
Shipping	2.30 lbs (1.04 kg)