TSV-SPE104

1x4 HDMI Splitter Extender - Support 1080P /50m



Features

Distribute 1 HDMI signal to 4 identical UTP outputs synchronously, with 1xlooping HDMI output Transmit over 50m single Cat5e/6 cable

Can be cascaded for 4 layers

With wide-band Bi-Direction IR control (38 $^{\sim}$ 56 kHz) (IR extension from Sender to Receiver or from Receiver to Sender)

Support Full HD 1080p, VESA resolution: 1920x1200

Supports Dolby TrueHD, DTS-HD Master Audio

Support 3D

COMPLETE 1080P KIT - Includes 1 Transmitter & 4 Receivers. Extend and distribute 1 HDMI source to 4 HDMI displays over CAT5e/6/7 simultaneously. Embedded Silicon Image chipset for best quality, compatibility and reliability
HDMI LOSSLESS TRANSMISSION RANGE - Extends HDMI audio/video signals to synchronous output video display(s), is as fluent as direct connection; Supports up to 50m (165ft) at 1080p@60Hz with CAT5e/6/7 and surround sound up to 7.1-channel or stereo digital audio; Compatible with HDCP compliant devices & content.
* Good quality CATx cables are essential in delivering quality content

- HDMI LOOP-OUT & EDID MANAGEMENT - The transmitter couples as a splitter as it is equipped with an HDMI out port to connect to a local display (5th display) for monitoring purposes or cascade HDMI signals to 4 layers; Easy-to-follow EDID configurations (nine built-in EDID resolution options) via DIP switches allow you to experience audio and video in the highest settings possible based on the capabilities of your display

- ADVANCED FEATURES - Bi-Directional IR Remote Control allows you to remotely control a media player/ device from the TV side or control a TV from the device side

TSV-EX21B (rx) 50m HDMI Extender - Support 1080P/IR/EDID

Features

Allows HDMI Audio/Video Signals and IR to be transmitted over a 50m single Cat5e/6 Cable. Transmits a wide-band (38K-56KHz) Bi-Directional IR control signal together with the HDMI signal. Supports 24bit Deep Color.

Automatically adjusts feedback, equalization and amplification.

EDID DIP switch on Transmitter to enhance EDID communication between sources and displays. Supports PCM ,Dolby Digital™, and DTS Digital Surround™.

Follows IEEE-568B cable termination standards.

Supports 3D video format.

Specification

- COST-EFFECTIVE SOLUTION – Extends HDMI audio/video signals over a CAT5e/6/7 cable up to 165ft; * Note: A good quality CAT5e/6/7 cable is essential in delivering quality content; Use a straight-through Ethernet cable and NOT crossover.

 - HDMI LOSSLESS TRANSMISSION with ZERO LATENCY – It extends HDMI audio/video signals to synchronous output Video display is as fluent as direct connection Supports 480i/480p/720p/1080p at 60Hz video resolutions

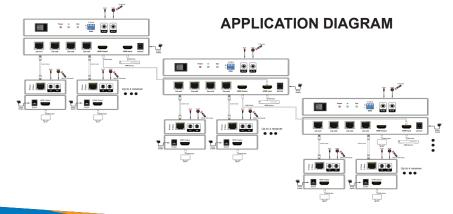
- DEEP COLOR – Supports up to 36-bit Deep Color with CAT6, 1080p 3D. HDMI 1.3 compliant.

Supports EDID pass-through and EDID copy

- DIGITAL AUDIO – Supports lossless compressed digital audio: Dolby TrueHD, DTS-HD Master Audio; Compatible with HDCP compliant devices & content

- SIMPLE INSTALLATION – No driver required; Surface-mountable metal housing provides durability and minimizes EMI/RFI noise interference. FCC, CE & RoHS compliant

- ADVANTAGE – Support EDID and Bi-directional wide-band IR



Operating Temperature Range	-5 to +35°C(+23 to +95°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Data transfer speed	6.75Gbps
Connectors Transmitter	HDMI Receptacle x 1 RJ45 Receptacle x 1 Power DC Receptacle x 1 IR Receptacle x 2(for IR TX and RX cable)
Connectors Receiver	HDMI Receptacle x 1 RJ45 Receptacle x 1 Power DC Receptacle x 1 IR Receptacle x 2(for IR TX and RX cable)
Resolution outputs	1080p/1080i/720p/576p/480p
Audio format supported	DTS-HD Master Audio, Dolby True HD, multi- channel 5.1, stereo etc
Output Video Signal	HDMI
Dimensions (WxHxD)	2.56"W x .95"Hx3.34"D(65x24.1x85mm)
Power supply	DC 5V Power supply
Transmission Distance	1080p up to 50m ①
Net Weight	319g(Pair)
IR wavelength & frequency	Wavelength: 940nm IR Frequency: 38KHz - 56KHz



Specification

Operating Temperature Range	-10°C-40°C(+14-140°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Video Amplifier Bandwidth	140MHz
Input Video Signal	0.5-1.0 Volts P-P
Input DDC Signal	5 volts p-p(TTL)
Data transfer speed rate	6.75Gbps(Maximum)
Input port	1xHDMI
Output ports	4xCat5e/6, 1xHDMI
Video Format Supported	DTV/HDTV: 720P/1080i/1080P VESA resolution:1920x1200 3D video support
Vertical Frequency range	60Hz
Support Audio Format	DTS-HD Master Audio, Dolby True HD, multi- channel 5.1, stereo etc 2
Transmission Distance	1080P 8-bit 50m Over single cat5e or cat6 cable/24AWG/Solid ^③
Power consumption	12W(Max)
Dimension (L×W×H)	L203xW134xH29.2mm
Net Weight	823.1g