

HDMI Over Cat5 Extender Plus x4 Splitter

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Description

This HDMI Splitter is an HDMI splitter with four RJ45 outputs. It distributes the input of the HDMI signal into the four identical outputs simultaneously. Four HDMI Extender Receivers by Cat5 x1 receive the distributed signal from the splitter and transmit to displays individually. Each receiver works with the splitter as a full functional module. Only by the most inexpensive UTP cable with cross stand inside the full functional module extend the HDTV display up to 50 meters for 1080p.

This HDMI Splitter offers solutions for HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise, space and security concerns, data centre control, information distribution, conference room presentation, school and corporate training environments.

Features

- Easy to Use: Install in seconds, no need of setting.
- One pair as a full functional module,
- One piece of CAT-5e/6 cable can substitute HDMI cable to achieve long distance transmission.
- Follows the standard of IEEE-568B.
- Transmission distance can be up to 50 meters for 1080p using UTP cable with cross stand inside.
- Supports HDMI1.2a.
- Supports highest video resolution 1080p.
- Supports 165MHz/1.65Gbps per channel (4.95Gbps all channel) bandwidth.
- Supports 8bit per channel (24bit all channel) deep color.
- Supports uncompressed audio such as LPCM

Specifications

Signal Inputs / Output	
Input Video Signal	5 Volts p-p (TTL)
Maximum Single Link Range	1920x1080P
Output Video	HDMI1.2a
Operating Frequency	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	1.65Gpbs/165MHz
Resolutions (HDTV)	
Interlaced (50&60Hz)	480i, 576i, 1080i
Progressive (50&60Hz)	480p, 576p, 720p, 1080p
Mechanical	
Size of HDMI 4 Ports Splitter Amplifier (L×W×H)	270mm × 180mm × 40mm
Weight (Net)	1300g
Size of Receiver (L×W×H)	100mm × 65mm × 25.5mm
Weight of Receiver (Net)	385g

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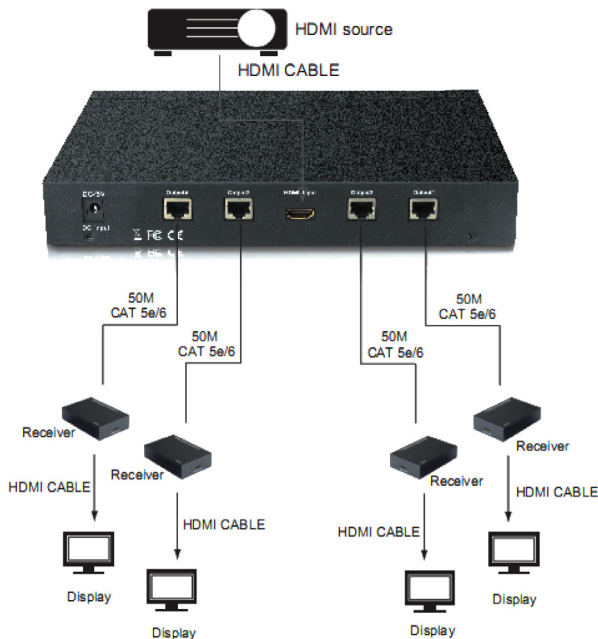
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Environmental	
Operating Temperature	0 to +70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 95 % RH (no condensation)
Power Requirement	
Power Supply for HDMI 4 Ports Splitter Amplifier	5V DC @ 3A, 15W
Power Supply for Receiver	5V DC @ 2A, 5W
Regulatory Approvals	
Converter Unit	FCC, CE, UL
Power Supply	UL, CE, FCC
Accessories Adapter	
AC Power Adapter	US standard, UK standard and so on
Warranty	
Limited Warranty	12 months

Diagram



Part Number Table

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HDMI Over Cat5 Extender Plus x4 Splitter	50-15010

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