

1080P HDMI Extender with IR

K3892

SKU: 17213



The HDMI Extender over Single Cat5e/6 with IR extends high definition video and audio signals and IR, at a distance of up to 164ft/50m over a single Cat5e/6 cable. Features EDID management, which allows and encourages source and display €œhandshake for seamless integration. With only one cost effective Cat5e/6 cable, high definition sources with HDMI outputs can be connected to high definition displays with HDMI inputs over long distances. Deep color video, DTS-HD or Dolby TrueHD audio is supported and compatible with the extender. In addition, the extender is also equipped with pass-through which allows for source control. The extender includes two units: transmitting unit and receiving unit. The transmitting unit is used to capture the HDMI input with IR signals and carries the signals via one cost effective Cat5e/6 cable. The receiving unit is responsible for equalizing the transmitted HDMI signal and reconstructing IR control signals. The extender offers the most convenient solution for HDMI extension over a single Cat5e/6 with long distance capability, and is the perfect solution for any application.

Features

- Allows HDMI Audio/Video and IR signals to be transmitted over a single Cat5e/6 cable.
- Support copy EDID from receiver display or loop out display.
- Allows for cascading via additional HDMI loop out port.
- Support Power over cable function.
- Transmission Range: Extends 1080p resolution up to 164ft/50m over a single Cat5e or Cat6 cable.
- Works with HDMI and HDCP compliant devices.
- Supports up to 1080p High Definition resolution.
- Compact design for an easy and flexible installation.

Specifications: Video Bandwidth Single-link 165Mhz (4.95Gbps) Video Support 480i/480p/720p/1080i/1080p @60
Audio Support: Surround Sound (up to 7.1 ch) or stereo digital audio Transmission Range: HD [1080p 24-bit color] - up
to 50m [164ft] Input TMDS Signal 3.3 volts Input DDC Signal 5.0 volts/P-P ESD Protection: Human Body model: +/- 8 kV
(air-gap discharge) +/- 4 kV (contact discharge) HDMI connector Type A 19 pin female RJ-45 connector WE/SS 8P8C
3.5mm connector (TX and RX) IRReceiver/IRBlaster Housing Metal enclosure Power Supply (1) 5V1A DC Power
consumption 1.5 watts (TX); 1.0 watts (RX) Operation temperature 32~104 °F Storage temperature -4 ~140 °F Relative
humidity 20~90 % RH (no condensation)