



70m Cat.6 HDMI 10.2G & IR Extender with PoC & Loop Out

No.: 38208

Amplify HDMI 10.2G & IR signals over 70m via Cat.6 cable

Description

- Extends HDMI & IR Signals up to 70m using a single Cat.6 Cable
- Supports resolutions up to 3840x2160@30Hz 4:4:4 8bit
- Features a loop-through HDMI output on the Transmitter for local monitoring
- Supports power over Cat.6, only a single power supply is required
- 2-year warranty

Cat.6 extenders allow for cost effective, reliable extension of audio or video signals over longer distances that are not possible with passive cable or active repeater solutions.

The Lindy 70m Cat.6 HDMI 10.2G & IR Extender is a simple to use solution which lets the user extend HDMI signals up to 70m using a single low cost Cat.6 U/UTP cable [not included]. For added convenience, IR signals [20-60 kHz] can also be extended using the supplied IR receiver and emitter cables.

Supporting 4K resolutions up to 3840x2160@30Hz 4:4:4 8bit, video content can be seen with incredible clarity at distances up to 70m, perfect for use in a variety of AV and digital signage applications in a range of settings including residential setups, education, business, retail and healthcare.

This extender features an HDMI loop-out port on the transmitter for local simultaneous viewing so that a local display can be connected for monitoring or to create an additional viewing zone. To ensure the maximum compatibility when two displays are connected, the EDID data, which determines the supported video and audio formats, can be copied from either the local display connected to the transmitter or the remote display connected to the receiver.

Power over Cat.6 [PoC] functionality enables the extender to operate from a single power supply connected to the transmitter, allowing the receiver to be located where there is limited access to mains power sockets, making it ideal for minimalist, discreet installations.

In addition to PoC functionality the extender's slim design allow it to be easier to install in limited spaces behind flat screen monitors or TVs.

Please Note: The quoted lengths and resolutions are possible with a direct connection between Transmitter and Receiver using good quality Cat.6 solid core cable. Using a different cable type, or introducing wall plates, couplers or patch panels will result in a reduction of possible distances.

Technical details

Specifications

- AV Interface: HDMI
- Interface Standard: HDMI 1.4
- Supported Bandwidth: 10.2Gbps
- Maximum Distance: 70m [229.66ft] - 1920x1080@60Hz, 40m [131.23ft] - 3840x2160@30Hz 4:4:4 8bit
- Maximum Resolution: 3840x2160@30Hz 4:4:4 8bit
- HDCP Support: HDCP 1.4
- EDID Pass Through: EDID Copy Functionality
- Supported Audio: Up to 7.1 (Pass-through)
- Separate Audio Ports: -
- IR Support: 20-60kHz
- CEC Support: -
- Serial Interface: -
- Transmission Protocol: -
- Transmission Medium: 1 x Cat.6
- Laser Class (only for Fibre): -
- Wavelength (only for Fibre): -
- Chipset: GSV1001
- Special Features: PoC (Power over Cat.6), IR Pass-through, Loop Out

Connectors

- Transmitter Input: HDMI Type A (Female)
- Transmitter Output: HDMI Type A (Female), RJ-45 (Female), IR (Female)
- Receiver Input: RJ-45 (Female), IR (Female)
- Receiver Output: HDMI Type A (Female)
- Bi-directional Ports: -
- Power : 5.5/2.1mm

Physical Properties

- Dimensions (approx.) WxDxH: 79.5x16.5x69mm [3.13x0.65x2.72in]
- Housing Material: Metal
- Net Weight: 0.13kg [0.29lb] per unit
- Operating Temperature : 0°C - 40°C [32°F - 104°F]
- Storage Temperature: -20°C - 60°C [-4°F - 140°F]
- Humidity: 20 – 90% RH (no condensation)
- Power Requirements: 12VDC 1A
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 200x70x113mm [7.87x2.76x4.45in]
- Gross Weight: 0.414kg [0.91lb]
- Warranty (Years): 2
- Certificated: CE, FCC, RoHS, REACH & California Proposition 65

Package Contents

- Transmitter
- Receiver
- Multi-country Power Supply (UK, EU, US & AUS)
- IR Transmitter
- IR Receiver
- Lindy Manual

Purchasing Information

- No.: 38208
- EAN: 4002888382083