



80m Cat.6 HDMI & IR Extender with PoC

No.: 38009

Description

This product has been discontinued and replaced by Part No [38205](#).

- Extends HDMI and IR signals to up to 80m* using low cost CAT6 cable (not included)
- Supports resolutions up to Full HD 1080p including 1080p 3D
- Supports power over Cat.6, only a single power supply is required
- Bi-Directional IR support at 20 - 60kHz
- 2 year warranty

The Lindy HDMI & IR Cat.6 Extender Premium allows high-resolution digital video, including 3D signals, multi-channel digital audio and IR signals to be sent between devices at distances of up to 80m* using low cost Cat.6 cable.

The extender uses two modules, one transmitter and one receiver, along with a single power supply which can be connected to either unit with power being sent over the CAT6 cable to the other unit, perfect for discreet or retro fit installations. Bi-directional IR support allows HDMI source equipment to be controlled from the display end of the installation (Receiver to Transmitter) or display equipment to be controlled from the HDMI source equipment end of the installation, giving the user complete control over their AV equipment.

PoC (Power over Cable) functionality, the supply of power and data signals over Cat.6 cable on a point to point connection between the transmitter and receiver, also brings additional flexibility as only one power supply is required at the transmitter unit, ideal when power outlets are limited at the receiver end of the installation.

* Please Note: 80m distance is achieved using Cat.6 UTP solid core cable

Technical details

Specifications

- AV Interface: HDMI
- Interface Standard: HDMI 1.3
- Supported Bandwidth: 4.95 Gbps
- Maximum Distance:
 - 50m [164.04ft] - 1920x1080@60Hz 4:4:4 8bit Cat.5e
 - 80m [262.46ft] - 1280x720@60Hz 4:4:4 8bit Cat.5e
 - 80m [262.46ft] - 1920x1080@60Hz 4:4:4 8bit Cat.6
 - 100m [328.08ft] - 1280x720@60Hz 4:4:4 8bit Cat.6
- Maximum Resolution: 1920x1080@60Hz 4:4:4 8bit
- HDCP Support: HDCP 1.1
- EDID Pass Through: Pass-through

- Supported Audio: Up to 7.1 (Pass-through)
- Separate Audio Ports: -
- IR Support: 20-60 kHz
- CEC Support: -
- Serial Interface: -
- Transmission Protocol: -
- Transmission Medium: 1 x Cat.6
- Laser Class (only for Fibre): -
- Wavelength (only for Fibre): -
- Chipset: -
- Special Features:
 - Power over Cat.6 Cable
 - Bi-directional IR

Connectors

- Transmitter Input: HDMI (Female), IR (Female)
- Transmitter Output: RJ45 (Female), IR (Female)
- Receiver Input: RJ45 (Female), IR (Female)
- Receiver Output: HDMI (Female), IR (Female)
- Bidirectional Ports: -
- Power: 5.5/2.5mm DC socket

Physical Properties

- Dimensions WxDxH: 100x65x26mm / 3.94x2.56x1.02In per unit
- Housing Material: Metal
- Net Weight: 0.235kg (0.52lb) 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 (non-condensing)
- Power Requirements: 12VDC 1A
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 223x180x50mm (8.78x7.09x1.99in)
- Gross Weight: 0.77kg (1.7lb)
- Warranty (Years): 2
- Certificated: CE, FCC, RoHS & REACH

Package Contents

- Transmitter unit
- Receiver unit
- 2 x IR emitter cable
- 2 x IR receiver cable
- Multi-Country Power Supply (EU, UK, US & AUS)
- Lindy manual

Purchasing Information

- No.: 38009
- EAN: 4002888380096