

50m Cat.6 4 Port HDMI & IR Splitter Extender with Loop Out

No.: 38155



Description

- An advanced Splitter Extender that extends and distributes HDMI & IR signals to 4 displays at distances of up to 50m
- Supports resolutions up to Full HD 1920x1080 @60Hz 4:4:4 8bit, including 3D
- Features a loop-through HDMI output on the transmitter for local monitoring/cascading
- Supports power over Cat.6 (PoC), only a single power supply is required for operation
- 2 year warranty

The Lindy 50m Cat.6 4 Port HDMI & IR Splitter Extender is a simple to use plug and play solution that allows users to extend an HDMI signal up to 50m and then distribute that signal to four displays using low cost Cat.6 UUTP cable (not included). For added convenience IR signals (20-60kHz) can also be extended using the supplied IR receiver and emitter cables.

Supporting resolutions up to 1920x1080, including 1080p 3D, the Splitter Extender is designed for use in AV and digital signage applications for a variety of settings such as home, education, business, retail and healthcare.

An integrated HDMI loop-through output on the transmitter unit enables simultaneous viewing so that a local display can be connected for monitoring, or to create an additional viewing zone. For larger installations, the HDMI loop-through port can also be used to cascade up to 3 transmitters allowing up to 12 displays to be connected to a single source.

The HDMI loop-through port also allows the Splitter Extender to clone the EDID of a connected display. An integrated EDID emulation system provides 9 EDID presets for ultimate compatibility with a variety of EDID enabled devices.

Power over Cat.6 (PoC) functionality provides power for the complete installation using only a single power supply connected to the transmitter - a perfect solution for retro fit installations where receivers may be located away from a mains power supply. The power supply is connected via a screw type DC jack, providing a secure and reliable connection, ideal for installations where accidental disconnections could occur. For added convenience the Splitter Extender's slim design and integrated mounting brackets make it easy to install in limited spaces behind modern flat screen displays.

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

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.6
- Maximum Resolution: 1920x1080@60Hz 4:4:4 8bit
- HDCP Support: HDCP 1.2
- EDID Pass Through: Preset, Cloning Function
- Supported Audio: Up to 7.1 (Pass-through)
- IR Support: 20-60 kHz
- CEC Support: -
- Transmission Medium: 1 x Cat.6 (per receiver)
- Special Features: PoC (Power over Cat.6 Cable)

Connectors

- Transmitter Input: HDMI (Female)
- Transmitter Output: 4 x RJ45 (Female), HDMI (Female), IR (Female)
- Receiver Input: RJ45 (Female), IR (Female)
- Receiver Output: HDMI (Female)
- Power: 5.5/2.1mm DC Socket

Physical Properties

- Dimensions WxHxD:
 - Transmitter: 210x83x17mm (8,27x3,27x0,67in)
 - Receivers: 79x68x17mm (3,11x2,68x0,67in) (per unit)
- Housing Material: Metal
- Nett Weight:
 - Transmitter: 0.443kg (0.98lb)
 - Receiver: 0.131kg (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 (non-condensing)
- Power Requirements: 12VDC 2.5A
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 310x162x74mm (12.21x6.38x2.91in)
- Gross Weight: 1.516kg (3.34lb)
- Warranty (Years): 2
- Certificated: CE, FCC, REACH and RoHS

Package Contents

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

Purchasing Information

- No. 38155
- EAN: 4002888381550