



Product Data Sheet

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

Description



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 4K30 & 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 Cable (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.

Product	SKU
LINDY 70M CAT.6 HDMI 4K30 & IR EXTENDER WITH POC & LOOP OUT	LIN-38208



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Key Benefits

- 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 Cable, only a single power supply is required
- 2 year warranty

Technical Specification

Lindy 70m Cat.6 10.2G Extender Specification

Specifications	Transmission Medium: 1 x Cat.5e/6 or higher
AV Interface: HDMI	Transmission Protocol: -
Interface Standard: HDMI 1.4	Transmission Medium: 1 x Cat.6
Supported Bandwidth: 10.2Gbps	Laser Class (only for Fibre): -
Maximum Distance: 70m (229.66ft) - 1920x1080@60Hz, 40m (131.23ft) - 3840x2160@30Hz 4:4:4 8bit	Wavelength (only for Fibre): -
Maximum Resolution: 3840x2160@30Hz 4:4:4 8bit	Chipset: GSV1001
HDCP Support: HDCP 1.4	Special Features: PoC (Power over Cable), IR Pass-through, Loop Out
EDID Pass Through: EDID Copy Functionality	Connectors
Supported Audio: Up to 7.1 (Pass-through)	Transmitter Input: HDMI Type A (Female)
Separate Audio Ports: -	Transmitter Output: HDMI Type A (Female), RJ-45 (Female), IR (Female)
IR Support: 20-60 kHz	Receiver Input: RJ-45 (Female), IR (Female)
CEC Support: -	Receiver Output: HDMI Type A (Female)
Serial Interface: -	Bi-directional Ports: -
Transmission Protocol: -	Power : 5.5/2.1mm



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Physical Properties	Packaging Dimensions: 200x70x113mm (7.87x2.76x4.45in)
Dimensions (approx.) WxDxH: 79.5x16.5x69mm (3.13x0.65x2.72in)	Gross Weight: 0.414kg (0.91lb)
Housing Material: Metal	Warranty (Years): 2
Net Weight: 0.13kg (0.29lb) per unit	Certificated: CE, FCC, RoHS, REACH & California Proposition 65
Operating Temperature: 0°C - 40°C (32°F - 104°F)	Package Contents
Storage Temperature: -20°C - 60°C (-4°F - 140°F)	Transmitter
Humidity: 20 – 90% RH (no condensation)	Receiver
Power Requirements: 12VDC 1A	Multi-country Power Supply (UK, EU, US & AUS)
Colour: Black	IR Transmitter
Miscellaneous	IR Receiver
Packaging Type: Carton Box	Lindy Manual