



Product Data Sheet

Lindy 50m Cat.6 HDMI 18G & IR Extender
with PoC & Loop Out

Description



The Lindy Cat.6 HDMI 4K60 & IR Extender with PoC is an effective, reliable solution for extending high quality 4K HDMI signals over distances up to 50m (164.04ft) with standard Cat.5e/6 network cable. Support for the HDMI 2.0 18G specification allows the transmission of highly detailed 4K Ultra HD resolutions. With support for High-Dynamic Range, video content can be seen with enhanced brightness, greater contrasts of blacks and whites and a much wider colour gamut, perfect for a true home cinema experience or eye-catching digital signage in retail settings. HDCP 2.2 compliance allows 4K video content from copy protected sources such as Blu-Ray movies, media players and streaming services to be viewed without compatibility issues. Support for lossless audio formats including DolbyTrueHD and DTS-HD adds powerful multi-channel sound to video content, providing an enhanced experience and sense of realism for the viewer.

The extender features an HDMI loop-through output on the transmitter which allows for simultaneous viewing using local and remote displays. This versatility provides a suitable solution for use in various scenarios such as educational presentation systems, home cinema, entertainment systems, or trade shows. The built in EDID dip switch enables the user to control which EDID is taken from either display, making installation and configuration simple ensuring maximum compatibility with HDMI displays and projectors. PoC allows both power and data signals over a Cat.6 cable in a point to point configuration, adding flexibility as only one power supply is required for both the transmitter and receiver units. Ideal when power outlets are limited.

Featuring IR Pass-through, the source equipment can be seamlessly controlled from the remote displays side of the installation using compatible infrared remote controls. This provides simple and complete control for the user.

Please note: This product is not designed to be used in conjunction with active network equipment and must only be used in a point to point connection.

Product	SKU
LINDY 50M CAT.6 HDMI 18G & IR EXTENDER WITH POC & LOOP OUT	LIN-38205



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Key Benefits

- Extends 4K HDMI 18G signals over 50m distances with standard network cable
- Supports resolutions up to 3840x2160@60Hz 4:4:4 8bit, with support for HDR
- An HDMI loop-through output creates an additional viewing zone with a local display
- PoC (Power over Cable) functionality for power from a single power supply
- 2 year warranty

Technical Specification

Lindy 50m Cat.6 18G Extender Specification

Specifications	Laser Class (only for Fibre): -
AV Interface: HDMI	Wavelength (only for Fibre): -
Interface Standard: HDMI 2.0	Chipset: Transmitter: SIL9396 / Receiver: SIL9630
Supported Bandwidth: 18Gbps	Special Features: PoC (Power over Cable), IR Pass-through, Loop Out
Maximum Distance: 50m (164.04ft) – Cat.6/7, 30m (98.42ft)– Cat.5e	Connectors
Maximum Resolution: 3840x2160@30Hz 4:4:4 8bit	Transmitter Input: HDMI Type A 19pin (Female), Micro-USB (Female), DC12V Power
HDCP Support: 2.2	Transmitter Output: HDMI Type A 19pin (Female), RJ45 (Female), IR (Female)
EDID Pass Through: Pass-through	Receiver Input: RJ45 (Female), IR (Female), Micro-USB (Female)
Supported Audio: Up to 7.1 (Pass-through)	Receiver Output: HDMI Type A 19pin (Female)
Separate Audio Ports: -	Bidirectional Ports: -
IR Support: 20-60 kHz	Power: 5.5/2.1mm barrel size
CEC Support: -	Physical Properties
Serial Interface: -	Dimensions WxHxD: Transmitter: 70x97x15mm (2.76x3.82x0.59in) Receiver: 70x97x15mm (2.76x3.82x0.59in)



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Technical Specification

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Physical Properties	Gross Weight: 0.605kg (1.33lb)
Housing Material: Metal	Warranty (Years): 2
Net Weight: Transmitter: 0.156kg (0.34lb) Receiver: 0.151kg (0.33lb)	Certified: CE, UKCA, 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	12VDC 1A Multi-country Power Supply (UK, EU, US & AUS)
Colour: Black	IR Transmitter
Miscellaneous	IR Receiver
Packaging Type: Carton Box	Lindy manual
Packaging Dimensions: 220x130x70mm (8.66x5.12x2.76in)	