



70m Cat.6 HDMI 4K60, IR & RS-232 HDBaseT EU Wall Plate Extender, Transmitter

No.: 38348

Extends HDMI signals up to 70m via HDBaseT

Description

- Sends HDMI resolutions up to 70m over Cat.6 network cable via HDBaseT technology
- Supports HDMI 18G resolutions up to 4K@60Hz 4:4:4, with additional support for HDR
- Supports RS-232, bi-directional IR and PoC (Power over Cable)
- EU standard 1-gang wall plate (8x8cm)
- 2 year warranty

The Lindy Cat.6 HDBaseT HDMI 4K60 Wall Plate Transmitter is one part of a high performance, reliable solution for extending HDMI signals over long distances via Cat.6 network cable.

By combining this Transmitter unit with a compatible HDBaseT Receiver such as Lindy No. 38214 and 38342, this solution ensures reliable transmission up to 70m.

The following distance and resolution combinations are possible when using high quality Cat.6 or above U/UTP or F/UTP cable:

70m: 1920x1080@60Hz 4:4:4 8bit

40m: 3840x2160@60Hz 4:4:4 8bit / 4:2:2 12bit

Supporting resolutions up to 4K Ultra HD, video can be viewed in stunning clarity, while additional support for HDR (High Dynamic Range) allows content to be displayed with enhanced brightness, greater contrasts of blacks and whites and a much wider colour gamut. This provides a reliable solution for creating eye-catching digital signage in retail, immersive displays at events or engaging setups in larger conference rooms or lectures halls.

PoC (Power over Cable) functionality with On/Off switch provides additional flexibility. This allows power to be supplied alongside data through Cat.6 network cable in a point to point connection between the transmitter and receiver, meaning only a single power supply is required at one side of the installation.

Featuring bi-directional IR ports at both sides of the setup, the source equipment can be easily controlled from the display side, and the display can also be controlled from the HDMI source side. This extension system allows for complete and simple control for the user providing also RS-232 port via terminal block on the rear side of the wall plate.

HDBaset is a globally recognised standard for high quality distribution of AV content and other technologies, including power and control, over longer distances via low cost Cat.6 or above cable.

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Technical details

Specifications

- AV Interface: HDMI
- Interface Standard: HDMI 2.0
- Supported Bandwidth: 18Gbps
- Maximum Distance:
 - 40m [131.23ft] - 3840x2160@60Hz 4:4:4 8bit
 - 70m [229.66ft] - 1920x1080@60Hz
- Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit
- HDCP Support: 2.2
- EDID Pass Through: Pass Through
- Supported Audio: Pass Through
- Separate Audio Ports: -
- IR Support: 20 - 60KHz
- CEC Support: -
- Serial Interface: RS-232 Pass Through
- Transmission Protocol: HDBaseT
- Transmission Medium: Cat.6
- Laser Class (only for Fibre): -
- Wavelength (only for Fibre): -
- Chipset: VS010
- Special Features: Bi-directional IR, PoC (Power over Cable) with On/Off switch

Connectors

- Transmitter Input: HDMI Type A (Female), 3.5mm IR (Female)
- Transmitter Output: RJ-45 (Female), 3.5mm IR (Female)
- Receiver Input: -
- Receiver Output: -
- Bi-directional Ports: RS-232 3-Pin Terminal Block
- Power: 2-Pin Terminal Block DC connector

Physical Properties

- Dimensions (approx.) WxDxH: 80x38.05x80mm [3.15x1.5x3.15in]
- Housing Material: Metal
- Net Weight: 0.39kg [0.86lb]
- 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: 24VDC 1A
- Colour: White plate

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 152x95x133mm [5.98x3.74x5.24in]
- Gross Weight: 0.54kg [1.19lb]
- Warranty (Years): 2
- Product Compliance: CE, UKCA, FCC, RoHS, REACH & California Proposition 65

Package Contents

- HDMI Transmitter
- Multi-country Power Supply (UK, EU, US & AUS)
- IR Emitter Cable, 1.5m
- IR Receiver Cable, 1.5m
- 3-Pin Terminal Block
- 2-Pin Terminal Block
- Lindy Manual

Purchasing Information

- No.: 38348
- EAN: 4002888383486