

C6 HDMI 2.0 Extender HDBaseT, 70m

Part No.: 38139



Description

- Extends HDMI & IR signals up to 70m via its HDBaseT connection
- Supports resolutions up to Ultra HD 4K 60Hz including Full HD 1080p 3D
- Power over HDBaseT allows a single power supply to power the Transmitter and Receiver
- Bi-directional IR control of AV display and source equipment
- 2 Year Warranty

Please Note: The quoted lengths and resolutions are possible with a direct connection between Transmitter and Receiver using a 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.

The LINDY C6 HDMI Extender with HDBaseT™ Technology supports uncompressed HDMI signal transmission for resolutions up to Ultra HD 4K 60Hz, making it ideal for use in Home Cinema, Professional AV and Digital Signage applications. In addition to extending HDMI signals the Extender also supports the extension of bi-directional IR signals, allowing you to control connected AV equipment such as a source or display from either end of the installation.

Using a Cat.6 U/UTP solid core cable with direct connection the following resolution/distance combinations are possible:

- Full HD 1080p 60Hz (4:4:4 up to 16bpc) including 3D up to 70m
- Ultra HD 4K 60Hz (4:2:0 12bpc) or 4K 24/30Hz (4:4:4 8bpc) up to 40m

For added convenience the Extender also supports Power-over-HDBaseT (PoH) which allows the Transmitter and Receiver units to be powered from a single power supply, giving greater flexibility and making the Extender ideal for discreet and retrofit installations.

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Package Contents:

HDMI Extender C6 for HDMI (1 x Transmitter, 1 x Receiver)
Multi-Country Power Adapter (24V DC/1A) x 1
IR Extender Cable 1.4m x 4 (2 x Emitter, 2 x Receiver)
Mounting Brackets with screws x 4
User Manual

Technical details

- Connection is via cat.5e/6/7 cable, up to 70m (CAT6 solid core recommended)
- Supports resolutions up to:
 - Full HD 1080p 60Hz (4:4:4 up to 16bpc) including 3D @ 70m
 - Ultra HD 4K 60Hz (4:2:0 12bpc) / 4K 24/30Hz (4:4:4 8bpc) @ 40m
- Bandwidth: 10.2Gbps
- Deep Colour capable: supports up to 12bpc (36bit)
- Support for HDCP 2.2/1.4, CEC and Lip Sync pass-through
- PoH (Power over HDBaseT) requires only a 24V 1A PSU to be attached
- Screw Type 5.5/2.1mm (Outer/inner) DC Socket
- Audio Pass-through: LPCM 7.1 audio, Dolby® TrueHD, Dolby Digital® Plus, and DTS-HD Master Audio™

- Bi-directional Control of IR (30 – 60kHz) equipment
- Maximum HDMI Cable length, 2m in/out
- Transmitter ports: HDMI A in, 1x RJ45 HDBaseT out, DC in and 3.5mm IR In & Out
- Receiver ports: HDMI A out, 1x RJ45 HDBaseT in, DC in and 3.5mm IR In & Out
- ESD Protection: $\pm 8\text{kV}$ (air-gap discharge)
- Human Body Model: $\pm 4\text{kV}$ (contact discharge)
- Operating Temperature: $0^{\circ}\text{C} \sim 40^{\circ}\text{C}$
- Storage Temperature: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Relative Humidity $20 \sim 90\%$ RH (Non-condensing)
- Dimensions: 100 x 65 x 25mm (L x W x H) ; Weight: ~200 kg (each unit)