

Part no.:

38349

70m Cat.6 HDMI 4K60, Audio, IR & RS-232 HDBaseT Extender with ARC

Extends HDMI and ARC signals up to 70 via HDBaseT



| DESCRIPTION

- Distributes 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
- ARC support as well as RS-232 & bi-directional IR for simple control
- Supports PoC (Power over cable), requiring a power supply connection from only one side of the installation
- 2 year warranty

The Lindy 70m Cat.6 HDMI 4K60, Audio, IR & RS-232 HDBaseT Extender is a complete end to end high performance, reliable solution for extending HDMI signals over long distances via Cat.6 network cable.

The following distance and resolution combinations are possible when using high quality Cat.6 U/UTP or F/UTP cable:
 70m: 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.

ARC support over HDMI allows for audio content to be returned from the display to a connected amplifier or soundbar, while local audio extraction allows for the connection of audio outputs for immersive multi-channel audio. Digital audio embedding at the receiver side can also be used for source audio, which can easily be switching via the dip-switch on the receiver unit.

PoC (Power over Cable) functionality 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 the transmitter or receiver unit. Ideal for example when power outlets are limited at the receiver end 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.

In addition, the power supply is connected via a screw type DC jack, providing a more secure and reliable connection, perfect for professional installations where accidental disconnections could create a major issue.

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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Please Note: the quoted lengths and resolutions are possible with a direct connection between Transmitter and Receiver using good quality Cat.6 or above cable. Using a different cable type, introducing couplers, wall plates or patch panels may result in a reduction of possible distances.

Specifications

- AV Interface: HDMI
- Interface Standard: HDMI 2.0
- Supported Bandwidth: 18Gbps
- Maximum Distance: 70m (229.66ft)
- Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit
- HDCP Support: 2.2
- EDID Pass Through: Dip Switch with copy function
- Supported Audio: Pass Through
- Separate Audio Ports: TosLink (Optical)
- 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-A0
- Special Features: Bi-directional IR, PoC and ARC

Connectors

- Transmitter Input: HDMI Type A (Female), 3.5mm IR (Female)
- Transmitter Output: RJ-45 (Female), TosLink (Optical) (Female), 3.5mm IR (Female)
- Receiver Input: RJ-45 (Female), TosLink (Optical) (Female), 3.5mm IR (Female)
- Receiver Output: HDMI Type A (Female), 3.5mm IR (Female)
- Bi-directional Ports: RS-232 3-Pin Terminal Block
- Power: 5.5/2.1mm

Physical Properties

- Dimensions (approx.) WxDxH: 140x65x18mm (5.51x2.56x0.71 in) each unit
- Housing Material: Metal
- Net Weight: 0.76kg (1.68lb)
- 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: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 245x75x185mm (9.65x2.95x7.28in)
- Gross Weight: 0.94kg (2.07lb)
- Warranty (Years): 2
- Product Compliance: CE, UKCA, FCC, RoHS, REACH & California Proposition 65

Package Contents

- HDBaseT HDMI Extender, Transmitter
- HDBaseT HDMI Extender, Receiver
- IR Emitter Cable, 1.5m
- IR Receiver Cable, 1.5m
- 4 x Mounting Ears & 8 x Screws
- 2 x 3-Pin Terminal Block
- Multi-country Power Supply (UK, EU, US & AUS)
- Lindy Manual

Purchasing Information

- No.: 38349
- EAN: 4002888383493