



150m Cat.6 HDMI 4K60, IR, RS-232 & Audio HDBaseT KVM Extender, Receiver

No.: 38389

Extend HDMI and USB signals up to 150m via HDBaseT

Description

- Distributes HDMI resolutions up to 150m over Cat.6 network cable via HDBaseT technology with Long Reach mode
- Supports HDMI 18G resolutions up to 4K@60Hz 4:4:4, with additional support for HDR
- Supports USB 2.0, Audio, RS232 and bi-directional IR for control
- Supports PoC (Power over cable), requiring a power supply connection from only one side of the installation
- 2 year warranty

The Lindy 150m Cat.6 HDMI 4K60, IR, RS232 & Audio HDBaseT KVM Receiver is one part of a high performance, reliable solution for extending AV and data signals over long distances via Cat.6 network cable.

By combining this Receiver unit with a compatible HDBaseT Wall Plate Transmitter such as Lindy No. 38387 and 38388, this solution ensures reliable transmission up to 150m.

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

Standard Mode [STD]

90m: 3840x2160@60Hz 4:4:4 8bit / 4:2:2 12bit

Long Reach Mode [LRM]

150m: 3840x2160@30Hz 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.

This extender supports USB 2.0 devices like mouse, keyboard, and other peripherals to be connected to the receiver to control a source device such as a PC or laptop or for data transfer. 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.

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.

HDBaseT_ and the HDBaseT Alliance logo are trademarks of the HDBaseT Alliance. Using a different cable type, introducing wall plates, couplers or patch panels will result in a reduction of possible distances.

Technical details

Specifications

AV Interface: HDMI
Interface Standard: HDMI 2.0, USB 2.0
Supported Bandwidth: 18Gbps
Maximum Distance:
- 90m (295.28ft) - 3840x2160@60Hz 4:4:4 8bit (STD)
- 150m (492.12ft) - 3840x2160@30Hz 4:4:4 8bit / 4:2:2 12bit (LRM)
Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit
HDCP Support: 2.2
EDID Pass Through: Pass Through
Supported Audio: Pass Through
Separate Audio Ports: 3-Pin Terminal Block
IR Support: 20 - 60KHz
CEC Support: -
Serial Interface: RS-232 Pass Through
Transmission Protocol: HDBaseT 2.0
Transmission Medium: Cat.6
Laser Class (only for Fibre): -
Wavelength (only for Fibre): -
Chipset: VS2010
Special Features: Bi-directional IR, PoC (Power over Cable) with On/Off switch, Audio de-embedded, Long Reach Mode

Connectors

Transmitter Input: -
Transmitter Output: -
Receiver Input: RJ-45 (Female), 3.5mm IR (Female)
Receiver Output: HDMI Type A (Female), 2 x USB Type A (Female), Audio 3-pin Terminal Block, 3.5mm IR (Female)
Bi-directional Ports: RS-232 3-Pin Terminal Block
Power: 5.5/2.1mm

Physical Properties

Dimensions (approx.) WxDxH: 157x20x88mm (6.18x0.79x3.46in)
Housing Material: Metal
Net Weight: 0.389kg (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: 220x70x130mm (8.66x2.76x5.12in)
Gross Weight: 0.579kg (1.28lb)
Warranty (Years): 2
Product Compliance: CE, UKCA, FCC, RoHS, REACH & California Proposition 65

Package Contents

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

Purchasing Information

No.: 38389
EAN: 4002888383899