



150m Cat.6 HDMI 4K60, USB 2.0 & IR HDBaseT KVM Extender

No.: 39384

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 & 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, USB 2.0 & IR HDBaseT KVM 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:

HDBT Mode (USB 2.0 & HID)

100m: 3840x2160@60Hz 4:4:4 8bit / 4:2:2 12bit

Long Reach Mode (USB HID only)

120m: 3840x2160@60Hz 4:4:4 8bit / 4:2:2 12bit

150m: 1920x1080@60Hz 4:4:4 8bit

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 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 unit. Ideal when power outlets are limited at the receiver end of the installation.

Setting up HDBT mode, 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 while in Long Reach mode only USB HID devices are supported. 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:
- 100m (328.08ft) - 3840x2160@60Hz 4:4:4 8bit (HDBT mode)
- 150m (492.12ft) - 1920x1080@60Hz (Long Reach mode)
Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit
HDCP Support: 2.2
EDID Pass Through: DIP switch with Copy function
Supported Audio: HDMI Audio Pass-through
Separate Audio Ports: -
IR Support: 20 - 60KHz
CEC Support: -
Serial Interface: -
Transmission Protocol: HDBaseT
Transmission Medium: 1 x Cat.6
Laser Class (only for Fibre): -
Wavelength (only for Fibre): -
Chipset: VS010-A0
Special Features: PoC (Power over Cable), Long Reach Mode

Connectors

Transmitter Input: HDMI Type A (Female), USB Type B (Female), 3.5mm IR (Female)
Transmitter Output: RJ-45 (Female), 3.5mm IR (Female)
Receiver Input: RJ-45 (Female), 3.5mm IR (Female)
Receiver Output: HDMI Type A (Female), 2 x USB Type A (Female), 3.5mm IR (Female)
Power: 5.5/2.1mm

Physical Properties

Dimensions (approx.) WxDxH: 140x65x18mm (5.51x2.56x0.71in) per unit
Housing Material: Metal
Net Weight: 0.79kg (1.74lb)
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: 1.02kg (2.25lb)
Warranty (Years): 2
Product Compliance: CE, UKCA, FCC, RoHS, REACH & California Proposition 65

Package Contents

HDBaseT HDMI KVM Extender, Transmitter
HDBaseT HDMI KVM Extender, Receiver
IR Emitter Cable, 1.5m
IR Receiver Cable, 1.5m
4 x Mounting Ears & 8 x Screws
USB Type A to Type B Cable, 1.5m
Multi-country Power Supply (UK, EU, US & AUS)
Lindy Manual

Purchasing Information

No.: 39384
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