LINDY
CONNECTION PERFECTION

Part no.:
38345

150m Cat.6 4x4 HDMI 4K60 HDBaseT Matrix Extender

Kit with HDBaseT Transmitter and 4 Receivers

| DESCRIPTION

- HDBaseT Matrix Extender that extends and distributes HDMI, IR & RS-232 signals to 4 displays at distances of up to 150m
- Supports resolutions up to 4K60Hz with HDR
- Features loop-through HDMI outputs for local monitoring
- Supports power over Cable (PoC), EDID management, downscaler and Audio de-embedding functions
- 2 year warranty

The Lindy 150m Cat.6 4x4 HDMI 4K60 HDBaseT Matrix Extender is an high-end and complete solution to switch and extend 4 HDMI signals to 4 HDBaseT receivers using Cat.6 or above cables up to 150m.

Supporting resolutions up to 4K60Hz including HDR and 1080p, the Matrix Extender is designed for use in Pro AV and digital signage applications for a variety of settings such as education, retail, immersive displays at events and conference rooms.

It supports several signals and features such as analog and coax de-embedded audio, IR matrix function and RS-232 control or pass-through signals. An advanced EDID management allow the user to select different EDID modes while the integrated HDMI loop-out ports enables simultaneous viewing so that a local display can be connected for monitoring each HDBaseT output, or to create additional viewing zones.
PoC (Power over Cable) functionality allows power to be supplied alongside data through Cat.6 network cable between the transmitter and any HDBaseT receiver, meaning only the transmitter unit needs to be powered on.

This unit can be managed by pushing the buttons on the front panel via OSD menu with a OLED screen, IR remote control (included), RS-232 or TCP/IP commands and web GUI.

Specifications

- AV Interface: HDMI
- Interfaces Standard: HDMI 2.0
- Supported Bandwidth: 18Gbps
- Maximum Distance:
  120m (393.7ft) - 3840x2160@60Hz 4:4:4 8bit
  150m (492.12ft) - 1920x1080@60Hz
- Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit
- HDCP Support: 2.2
- EDID Pass Through: Presets, Cloning
- Supported Audio:
  HDMI Audio Pass-through
  Digital Audio up to 5.1Ch
  Analog Audio up to 2.0Ch
- Separate Audio Ports: Coax and balanced analog
- IR Support: 20 - 60KHz
- Serial Interface: RS-232
- Transmission Protocol: HDBaseT
- Transmission Medium: 4 x Cat.6
- Laser Class (only for Fibre): -
- Wavelength (only for Fibre): -
- Special Features: PoC (Power over Cable), HDMI Loop Out ports, 4K to 1080p downscaler

Connectors

- Transmitter Input: 4 x HDMI (Female), 5 x 3.5mm IR (Female)
- Transmitter Output: 4 x HDMI (Female), 4 x Coax RCA (Female), 4 x L/R Audio 5-pin phoenix, 5 x 3.5mm IR (Female), 4 x RJ45 HDBaseT (Female)
- Transmitter Bidirectonal Ports: RS-232 9 pin (Female), RJ45 (Female)
- Transmitter Power: IEC C14
- Receiver Input: 3.5mm IR (Female), RJ45 HDBaseT (Female)
- Receiver Output: HDMI (Female), 3.5mm Audio (Female), 3.5mm IR (Female)
- Receiver Bidirectonal Ports: RS-232 3 pin phoenix
- Receiver Power: 5.5/2.1mm

Physical Properties

- Dimensions:
  Matrix: 440x200x45mm (17.32x7.87x1.77in)
  Receivers: 140x65x18mm (5.51x2.56x0.71in)
- Housing Material: Metal
- Net Weight: 5.31Kg (11.71lb)
- 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: 60W
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 510x401x98mm (20.08x15.79x3.86in)
- Gross Weight: 6.33kg (13.96lb)

- Warranty: 2
- Product Compliance: CE, UKCA, FCC, RoHS, REACH & California Proposition 65

Package Contents

- 4x4 HDBaseT Extender Matrix - Transmitter
- 4 x HDBaseT Receivers
- 5 x IR Emitter Cable, 1.5m
- 5 x IR Receiver Cable, 1.5m
- 10 x Mounting Ears & Screws
- 4 x 3-Pin Terminal Block
- 4 x 5-Pin Terminal Block
- RS-232 Male to Female cable, 1.5m
- 4 x mains cables (EU, UK, US & AUS), 1.5m
- Lindy Manual

Purchasing Information

- No.: 38345
- EAN: 4002888383455