



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

No.: 38345

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.

Technical details

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 Bidirectional 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 Bidirectional 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
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