



70m Cat.6 HDMI 4K30, IR & RS-232 HDBaseT Extender with PoC

No.: 38139

Extend HDMI® resolutions up to 70m via HDBaseT

Description

- Distributes HDMI® resolutions up to 70m over Cat.6 network cable via HDBaseT technology
- Supports HDMI® 10.2G resolutions up to 4K@30Hz 4:4:4
- CEC pass-through and 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® & IR HDBaseT Extender with PoC is an end to end 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: 1920x1080@60Hz 4:4:4 8bit

40m: 3840x2160@30Hz 4:4:4 8bit

Supporting resolutions up to 4K Ultra HD, video can be viewed in stunning clarity, providing 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.

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. Combined with CEC control, which allows commands from one main remote, this extension system allows for complete and simple control for the user. RS-232 pass-through also allows for integration into larger control systems.

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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Technical details

Specifications

AV Interface: HDMI®
Interface Standard: HDMI® 1.4
Supported Bandwidth: 10.2 Gbps
Maximum Distance: 70m (229.66ft)
Maximum Resolution: 3840x2160@30Hz 4:4:4 8bit
HDCP Support: Pass-through
EDID Pass Through: Pass-through
Supported Audio: Pass-through
Separate Audio Ports: -
IR Support: 20-60kHz
CEC Support: -
Serial Interface: RS-232
Transmission Protocol: HDBaseT
Transmission Medium: 1 x Cat.5e/6
Laser Class (only for Fibre): -
Wavelength (only for Fibre): -
Chipset: VS010
Special Features: PoC [Power over Cat.6]

Connectors

Transmitter Input: HDMI® [Female], IR [Female]
Transmitter Output: RJ45 [Female], IR Female
Receiver Input: RJ45 [Female], IR Female
Receiver Output: HDMI® [Female], IR [Female]
Bidirectional Ports: RS-232
Power: 5.5/2.1mm DC socket

Physical Properties

Dimensions WxDxH: 65x115x17mm (2.56x4.53x0.67in) per unit
Housing Material: Metal
Net Weight: 0.2kg (0.44lb) per unit
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: 193x191x69mm (7.6x7.52x2.72in)
Gross Weight: 0.84kg (1.85lb)
Warranty (Years): 2
Product Compliance: CE, UKCA, FCC, RoHS, REACH & California Proposition 65

Package Contents

Transmitter unit
Receiver unit
2 x IR emitter cable
2 x IR receiver cable
Mounting kit
Multi-Country Power Supply (EU, UK, US & AUS)
Lindy manual

Purchasing Information

No.: 38139
EAN: 4002888381390