Part no:

38205

50m CAT6 HDMI 18G & IR Extender, PoC & Loop Out



| DESCRIPTION

- Extends 4K HDMI 18G signals over 50m distances with standard network cable
- Supports resolutions up to 3840x2160@60Hz 4:4:4 8bit, with support for HDR
- An HDMI loop-through output creates an additional viewing zone with a local display
- PoC (Power over Cat.6) functionality for power from a single power supply
- 2 year warranty

The Lindy Cat.6 HDMI 18G & IR Extender with PoC is an effective, reliable solution for extending high quality 4K HDMI signals over distances up to 50m (164.04ft) with standard Cat.5e/6 network cable. Support for the HDMI 2.0 18G specification allows the transmission of highly detailed 4K Ultra HD resolutions. With support for High-Dynamic Range, video content can be seen with enhanced brightness, greater contrasts of blacks and whites and a much wider colour gamut, perfect for a true home cinema experience or eye-catching digital signage in retail settings. HDCP 2.2 compliance allows 4K video content from copy protected sources such as Blu-Ray movies, media players and streaming services to be viewed without compatibility issues. Support for lossless audio formats including DolbyTrueHD and DTS-HD adds powerful multi-channel sound to video content, providing an enhanced experience and sense of realism for the viewer.

The extender features an HDMI loop-through output on the transmitter which allows for simultaneous viewing using local and remote displays. This versatility provides a suitable solution for use in various scenarios such as educational presentation systems, home cinema, entertainment systems, or trade shows. The built in EDID dip switch enables the user to control which EDID is taken from either display, making installation and configuration simple ensuring maximum compatibility with HDMI displays and projectors. PoC allows both power and data signals over a Cat.6 cable in a point to point configuration, adding flexibility as only one power supply is required for both the transmitter and receiver units. Ideal when power outlets are limited.

Featuring IR Pass-through, the source equipment can be seamlessly controlled from the remote displays side of the installation using compatible infrared remote controls. This provides simple and complete control for the user.

Please note: This product is not designed to be used in conjunction with active network equipment and must only be used in a point to point connection.

Specifications

- AV Interface: HDMI
- Interface Standard: HDMI 2.0
- Supported Bandwidth: 18Gbps
- Maximum Distance: 50m (164.04ft) – Cat.6/7, 30m (98.42ft)– Cat.5e
- Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit
- HDCP Support: Pass-through
- EDID Pass Through: Pass-through
- Supported Audio: Up to 7.1 (Pass-through)
- IR Support: 20-60kHz
- Transmission Medium: 1 x Cat.5e/6 or higher
- Chipset: Transmitter: SIL9396 / Receiver: SIL9630
- Special Features: PoC (Power over Cat.6); IR Pass-through; Loop Out

Connectors

- Transmitter Input: HDMI Type A 19pin (Female), Micro-USB (Female), DC12V Power
- Transmitter Output: HDMI Type A 19pin (Female), RJ45 (Female), IR (Female)
- Receiver Input: RJ45 (Female), IR (Female), Micro-USB (Female)
- Receiver Ouput: HDMI Type A 19pin (Female)
- Power: 5.5/2.1mm

Physical Properties

- Dimensions (approx.) WxDxH:
  Transmitter: 70x97x15mm (2.76x3.82x0.59in)
  Receiver: 70x97x15mm (2.76x3.82x0.59in)
- Housing Material: Metal
- Net Weight:
  Transmitter: 0.156kg (0.34lb)
  Receiver: 0.151kg (0.33lb)
- Operating Temperature: 0°C - 40°C (32°F - 104°F)
- Storage Temperature: -20°C - 60°C (-4°F - 140°F)
- Humidity: 20 – 90% RH (no condensation)
- Power Requirements: 12VDC 1A
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 220x130x70mm (8.66x5.12x2.76in)
- Gross Weight: 0.605kg (1.33lb)
- Warranty (Years): 2
- Certificated: CE, FCC, RoHS, REACH & California Proposition 65

Package Contents

- Transmitter
- Receiver
- 12VDC 1A Multi-country Power Supply (UK, EU, US & AUS)
- IR Transmitter
- IR Receiver
- Lindy Manual