



100m Cat.6 DisplayPort 1.2, USB, IR & RS232 KVM Extender

Part No.: 39375

Description

- Extends 4K DisplayPort 1.2 & KM signals over 100m distances with standard network cable
- Supports resolutions up to 3840x2160@60Hz 4:4:4 8bit
- Bi-directional PoC (Power over Cable) functionality for power from a single power supply
- Bi-directional IR & RS-232 control
- 2 year warranty

The Lindy Cat.6 DisplayPort 1.2 KVM Extender is an effective, reliable solution for extending high quality 4K DisplayPort signals over distances up to 100m (328.08ft) with standard Cat.5e/6 network cable. Support for DisplayPort 1.2 allows for the transmission of highly detailed 4K UHD 3840x2160@60Hz resolutions with no compression, perfect for eye catching digital signage or detailed content in medical setups.

This extender also supports lossless audio formats including Dolby TrueHD and DTS-HD to add powerful multi-channel sound to video content, providing an enhanced experience and sense of immersion for the viewer. USB KM connectivity via 2 USB HID ports allow for a keyboard and mouse at the receiver to control a DP equipped PC from a remote PC setup, which can be stored in a secure or controlled temperature environment, while seamlessly providing consistent video content from the source.

With the ability to extend signals up to 100m using the two included units, the transmitter can be easily connected to a variety of DisplayPort source devices such as PCs and laptops in a more convenient location, while the receiver can be placed in a suitable viewing area with a LFD (large format display), monitor or projector, ensuring there is no distraction from the display from bulky source devices. This versatility provides a suitable system for use in various scenarios such as educational presentations, CAD facilities or remote server administration.

PoC (Power over Cable) functionality means power and data signals can be transmitted over Cat.6 cable on a point to point connection between the transmitter and receiver for additional functionality using only a single power supply. 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 seamlessly controlled from the display side, and the display can also be controlled from the DisplayPort source device. RS-232 connections also allow for integration into pre-installed 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.

The extenders built-in EDID function ensures maximum compatibility with the display or projector at the receiver, further enhancing this system focus on providing high quality 4K DP content over distances easily and with minimum hassle for the user.

Technical details

Specifications

- AV Interface: DisplayPort
- Console Interface: USB
- Interfaces Standard: DisplayPort 1.2

USB 2.0

- Supported Bandwidth: 21.6Gbps
- Maximum Distance: 100m (328.08ft)
- Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit
- HDCP Support: 1.3
- Supported Audio: Digital audio pass-through
- Separate Audio Ports: -
- Transmission Protocol: -
- Transmission Medium: 1 x Cat.5e / 6
- Laser Class (only for Fibre): -
- Wavelength (only for Fibre): -
- Special Features: PoC (Power over Cat.6 Cable)

Bi-directional IR

Bi-directional RS-232

Connectors

- Transmitter KVM Interfaces: DisplayPort (Female)

USB Type B (Female)

- Transmitter Extension Port: RJ-45 (Female)
- Receiver Console Interface: DisplayPort (Female)

2 x USB Type A (Female)

- Receiver Extension Port: RJ-45 (Female)
- Bi-directional Ports: 3.5mm IR Emitter (Female)

3.5mm IR Receiver (Female)

3.5mm RS-232 (Female)

- Other Interfaces: -
- Power : 5.5/2.1mm

Physical Properties

- Dimensions (approx.) WxDxH: 110x26x75mm (4.33x1.02x2.95in)
- Housing Material: Metal
- Net Weight: 0.9kg (1.98lb)
- Operating Temperature : 0°C - 40°C (32°F - 104°F)
- Storage Temperature: -20°C - 60°C (-4°F - 140°F)
- Humidity: 10 - 85% RH (non-condensing)
- Power Requirements: 48VDC 0.5A
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 245x197x95mm (9.65x7.76x3.74in)
- Gross Weight: 1.13kg (2.49lb)
- Warranty (Years): 2
- Certification: CE, FCC, RoHS, REACH & California Proposition 65

Package Content

- DisplayPort Transmitter
- DisplayPort Receiver
- Multi-country Power Supply (UK, EU, US & AUS)
- IR Emitter Cable, 1.5m
- IR Receiver Cable, 1.8m
- 2 x 3.5mm to RS-232 Cable, 0.5m
- Lindy Manual

Purchasing Information

- No.: 39375
- EAN: 4002888393751

