300m Fibre Optic DisplayPort 1.2 & USB KVM Extender

No.: 39376

Extend DisplayPort 1.2 and USB KM device signals up to 300m

Description

- Extends 4K DisplayPort 1.2 & KM signals over 300m distances with LC fibre cable
- Supports resolutions up to 3840x2160@60Hz 4:4:4 8bit
- Three USB Type A ports for connecting Keyboards, Mice & other USB HIDs
- Automatic EDID functionality for seamless compatibility
- 2 year warranty

KVM Extenders are devices which allow users to work on a computer from a distance by extending the connection between a computer and keyboard, monitor and mouse.

The Fibre Optic DisplayPort 1.2 KVM Extender is an effective, reliable solution for extending high quality 4K DisplayPort signals over distances up to 300m with standard LC fibre cable. Support for DisplayPort 1.2 allows for the transmission of highly detailed 3840x2160@60Hz resolutions, 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 3 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 display. The use of LC fibre between the transmitter and receiver provides a reliable, lower cost connection for much longer distances that what is possible over copper cabling, great for use in electronically "noisy" environments such as factory shop floors or medical installations.

With the ability to extend signals up to 300m 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.

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: 300m (984.24ft)
- Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit
- HDCP Support: 1.3
- Supported Audio: Digital audio pass-through
- Separate Audio Ports: -
- Transmission Protocol: TMDS
- Transmission Medium: 1 x Duplex LC (50/125µm)
- Laser Class (only for Fibre): Class 1
- Wavelength (only for Fibre): 850nm
- Special Features: Automatic EDID Management

Connectors
- Transmitter KVM Interfaces: DisplayPort (Female), USB Type Mini-B (Female)
- Transmitter Extension Port: SFP Multi-Mode Duplex
- Receiver Console Interface: DisplayPort (Female), 3 x USB Type A (Female)
- Receiver Extension Port: SFP Multi-Mode Duplex
- Bi-directional Ports: -
- Other Interfaces: -
- Power : USB Type Mini-B (Female)

Physical Properties
- Dimensions (approx.) WxDxH: 75x101x25mm (2.95x3.98x0.98in)
- Housing Material: Metal
- Net Weight: 1.05kg (2.31lb)
- Operating Temperature : 0°C - 50°C (32°F - 122°F)
- Storage Temperature: -20°C - 80°C (-4°F - 176°F)
- Humidity: 0 - 90% RH (non-condensing)
- Power Requirements: 5VDC 2A
- Colour: Black

Miscellaneous
- Packaging Type: Carton Box
- Packaging Dimensions: 175x306x74mm (6.89x12.05x2.91in)
- Gross Weight: 1.25kg (2.76lb)
- Warranty (Years): 2
- Certification: CE, FCC, RoHS & REACH

Package Content
- DisplayPort KVM Extender, Transmitter
- DisplayPort KVM Extender, Receiver
- 2 x SFP Multi-Mode Duplex OM3 Modules
- 3 x USB Type A to Mini B Cables, 1.5m
- 8 x Rubber Feet
- 2 x Multi-Country Power Supply (UK, EU, US & AUS)
- Lindy Manual

Purchasing Information
- No.: 39376
- EAN: 4002888393768