



4K HDMI & USB Over IP Extender - Receiver

No.: 38267

Description

- Extends HDMI 4K (3840x2160p60Hz 4:2:0) or VGA (max 1920x1200) Video signals over a Gigabit IP network
- Supports point to point installation up to 100m (393ft) and point to multipoint installation using a Gigabit Switch (also for Video Wall creation)
- Extends USB 2.0, USB HID (for KVM functions), bidirectional analog audio, bidirectional IR and RS232 signals
- HDMI 2.0 & HDCP 2.2/1.4 compliant
- 2 year warranty

The 4K Over IP Extender system allows users to extend a 4K video source such as a PC or PVR through a standard Gigabit IP network letting the user control it from the remote side through the extended USB interfaces. This receiver unit can be connected to a transmitter unit (No. 38266 – not included) to create a standard point to point control system with a maximum distance of 100m (393ft). This transmitter can also be connected to many receivers, allowing a single device to be controlled from different consoles at the receiver end or creating a Video Wall installation via a dedicated Gigabit Ethernet (supporting 8kB Jumbo frames) switch on the same private network.

Besides the HDMI embedded audio signal, this unit also manages 2 additional audio channels (1 x Line out audio from the source side and 1 for microphone connected on the remote side) and a SPDIF optical port on the receiver unit to connect a digital audio amplifier or device.

This HDMI Over IP extender system includes a convenient bidirectional IR (20-60Khz) repeating system to allow the extension of the remote control signals.

This device is a typical solution for security system management (PVR management or control rooms) or remote server administration (through the KVM control system) as well as AV signals over IP extension for distributed monitoring of industrial facilities. Another main application for this system is big Video Wall installation (up to 16x16 screens) widely used for digital signage and retail stores.

Technical details

Specifications

- AV Interface: HDMI & VGA
- Console Interface: USB
- Interfaces Standard: HDMI 2.0, USB (HID) and USB 2.0
- Supported Bandwidth: 10.2Gbps
- Maximum Distance: 100m (393.7ft) (Point to Point)
- Maximum Resolution: 3840x2160 60Hz 4:2:0 8bit (VGA Max 1920x1200 60Hz)
- HDCP Support: HDCP 1.4 and 2.2
- Supported Audio: Audio supported over HDMI signal and 2 analog bidirectional (1 x Audio and 1 x Microphone)

- Separate Audio Ports: 2 x 3.5mm (Female), 1 x SPDIF Optical
- Transmission Protocol: IP
- Transmission Medium: Cat.6
- Laser Class (only for Fibre): -
- Wavelength (only for Fibre): -
- Special Features: Video Wall Function (up to 16x16 screens), VGA Input & Output support (max. resolution 1920x1440), Bidirectional IR and Serial RS232 Extension

Connectors

- Transmitter KVM Interfaces: -
- Transmitter Extension Port: -
- Receiver Console Interface: HDMI (Female), 2 x VGA (Female), 2 x USB 2.0 Type A (Female), 2 x USB HID Type A (Female), 2 x 3.5mm Audio (Female)
- Receiver Extension Port: RJ45 Gigabit Ethernet (PoE support)
- Bidirectional Ports: 1 x DB9 (Male) for RS232
- Other Interfaces: 2 x 3.5mm (Female) for bidirectional IR, 1 x SPDIF Optical for Digital Audio, 2 x RJ45 Ethernet Ports
- Power: 5.5/2.1 mm DC socket

Physical Properties

- Dimensions (approx.) WxDxH: 232x25x108mm (9.13x0.98x4.25in)
- Housing Material: Metal
- Net Weight: 0.67kg (1.48lb)
- 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: 5VDC 4A
- Colour: Black

Miscellaneous

- Packaging Type: Carton box
- Packaging Dimensions: 225x190x80mm (8.86x7.48x3.15in)
- Gross Weight: 1.398kg (3.08lb)
- Warranty: 2
- Certificated: CE, FCC, RoHS & REACH

Package Content

- 1x 4K HDMI & USB Over IP Extender - Receiver
- 1x IR Receiver
- 1x IR Transmitter
- 1 x Multi-Country Power Supply (EU, UK, US, AUS)
- LINDY Manual

Purchasing Information

- No.: 38267
- EAN: 4002888382670