



## 4K HDMI & USB Over IP Extender - Transmitter

No.: 38266

### 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 transmitter unit can be connected to one or more receiver units (No. 38267 – 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)
- 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: HDMI (Female), 2 x VGA (Female), 1 x USB 2.0 Type B (Female), 2 x 3.5mm Audio (Female)
- Transmitter Extension Port: RJ45 Gigabit Ethernet (PoE support)
- Receiver Console Interface: -
- Receiver Extension Port: -
- Bidirectional Ports: 1 x DB9 (Male) for RS232
- Other Interfaces: 2 x 3.5mm (Female) for bidirectional IR
- 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 2.4A
- Colour: Black

### Miscellaneous

- Packaging Type: Carton box
- Packaging Dimensions: 225x190x80mm (8.86x7.48x3.15in)
- Gross Weight: 1.146kg (2.53lb)
- Warranty: 2
- Certificated: CE, FCC, RoHS & REACH

### Package Content

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

### Purchasing Information

- No.: 38266
- EAN: 4002888382663