

Part no.:

38396

4K30 HDMI & USB over IP Extender - Encoder

Extends HDMI, USB, Audio, IR and RS-232 signals over a Gigabit IP Network including multicast and Video Wall functions

| DESCRIPTION

- Supports resolutions up to 3840x2160@30Hz 4:4:4 8bit
- Point-to-point, matrix, KVM and Video Wall over IP applications
- Flexible control through Web GUI (Controller n. 38395), TCP, IR, RS-232 and third-party API control
- PoE support
- 2 year warranty

This Encoder can be used in combination with the Decoder n. 38397 and the Controller n. 38395 to manage and distribute HDMI, USB, Audio, IR and RS-232 signals through a 1G Ethernet Switch. It supports resolutions up to 4K30, KVM multicast applications and video walls providing reliable solutions for creating eye-catching digital signage in retail, immersive displays at events or engaging setups in larger conference rooms or lecture halls.

It supports HDMI 4K video streaming, point-to-point extension up to 100m and multicast functions such as video walls up to 9x9 and matrix configurations with many Encoders connected to many Decoders within the same 1G network environment. An additional HDMI display can be connected to the loop out port on the Encoder to keep connected a monitor for local control.

This extender system provides JPEG2000 main stream and H.264/H265 codec Secondary Stream which supports plenty API commands to achieve flexible configurations also from third party control Apps.

It needs a layer3 1G managed network Switch supporting IGMP snooping and 8K Jumbo frame, with PoE function is also possible to power on the unit without connecting the enclosed power supply.

Specifications

- AV Interface: HDMI
- Interface Standard: HDMI 2.0
- Supported Bandwidth: 18Gbps
- Maximum Distance: 100m (328.08ft)
- Maximum Resolution: 4K@30Hz 4:4:4
- HDCP Support: 2.2
- EDID Pass Through: -
- Supported Audio: Pass Through
- Separate Audio Ports: 3-pin
- IR Support: 20 - 60KHz
- CEC Support: Pass Through
- Serial Interface: RS-232
- Transmission Protocol: IP
- Transmission Medium: Cat.6
- Laser Class (only for Fibre): -
- Wavelength (only for Fibre): -

- Chipset: -
- Special Features: PoE, API support
- Transmitter Input: HDMI (Female), USB Type B (Female), 3-pin Audio (Female), 3.5mm IR (Female)
- Transmitter Output: HDMI (Female), 3-pin Audio (Female), 3.5mm IR (Female)
- Bi-directional Ports: RS-232 3-Pin Terminal Block
- Power: 5.5/2.1mm

Physical Properties

- Dimensions (approx.) WxDxH: 204x134x21.5mm (8.03x5.28x0.85in)
- Housing Material: Metal
- Net Weight: 0.78kg (1.72lb)
- 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: 12V 1A
- Colour: Black

Miscellaneous

- Packaging Type: Carton Box
- Packaging Dimensions: 245x185x75mm (9.65x5.28x2.95in)
- Gross Weight: 1.02kg (2.25lb)
- Warranty (Years): 2
- Product Compliance: CE, UKCA, FCC, RoHS, REACH & California Proposition 65

Package Contents

- 4K30 HDMI & USB over IP Encoder
- IR Emitter Cable, 1.5m
- IR Receiver Cable, 1.5m
- 2 x Mounting Ears & 4 x Screws
- 3 x 3-Pin Terminal Block
- Multi-country Power Supply (UK, EU, US & AUS)
- Lindy Manual

Purchasing Information

- No.: 38396
- EAN: 4002888383967