Part no.:

38365

4K60 HDMI & USB SDVoE Extender - Transceiver

Extends 4K60 HDMI, USB, Audio, IR and RS232 signals over a 10G copper of fiber Network Switch





| DESCRIPTION

- Supports uncompressed resolution up to 4K@60Hz 4:4:4 with HDR10 and no latency
- Encoder or Decoder mode
- Automatic detection of Fiber and Copper connection
- Supports PoE and Multicast, Video Wall and Multiview configurations
- 2 year warranty

SDVoE is a globally recognised standard for high quality distribution of AV content with other features, including control, matrix, video wall and multi view over longer distances via 10G Network with no compressions and latency.

The Lindy 4K60 HDMI & USB SDVoE Transceiver is a high performance AV over IP Extender for HDMI 4K60, USB, Audio, IR and RS-232 signals. It can be set either as Encoder and Decoder in order to manage a full SDVoE installation while the connection with a 10G Network Switch can be done via copper with a standard Cat.6 or above cable, or adding a SFP+ fiber optic module (not included).

Supporting resolutions up to 4K Ultra HD, uncompressed video can be viewed in stunning clarity, while additional support for HDR (High Dynamic Range) allows content to be displayed with enhanced brightness, greater contrasts of blacks and whites and a much wider colour gamut.
This unit provides different features connecting in multicast mode such as seamless switching, Video Wall up to 9x9 and Muiltiview up to 25 windows.

Device management can be done with Lindy SDVoE Controller (No.38364) providing a web based visual interface with signal preview and drag-and-drop operations making setup of the installation fast and intuitive. The management can be done also through any SDVoE codec, enabling compatibility with other software and hardware streaming platforms.

In addition to HDMI signal, this Transceiver supports bi-directional IR control, USB 2.0 to connect mouse, keyboard and other USB devices, 3.5mm analog stereo for embedding end extracting audio, RS-232 control and PoE.

Please note: this unit works only when connected to a 10Gigabit network. It can be controlled with any SDVoE controller system with API support.

Specifications

- AV Interface: HDMI
- Console Interface: USB
- Interfaces Standard: HDMI 2.0b, USB 2.0
- Supported Bandwidth: 18Gbps
- Maximum Distance: 100m (393.7ft) (Point to Point)
- Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit
- HDCP Support: 2.2/1.4
- Supported Audio:
  HDMI Audio Pass-Though
  3.5mm up to 2.0Ch
- Separate Audio Ports: 3.5mm
- Transmission Protocol: IP
- Transmission Medium: Cat.6
- Laser Class (only for Fibre): -
- Wavelength (only for Fibre): -
- Special Features: API support, ENC/DEC modes

Connectors

- Input Ports:
  HDMI Type A (Female)
  USB Type B (Female)
  3.5mm Audio (Female)
  3.5mm IR (Female)
- Output Ports:
  HDMI Type A (Female)
  2x USB Type A (Female)
  3.5mm Audio (Female)
  3.5mm IR (Female)
- Bidirectonal Ports: RS-232 4-Pin TerminalBlock
- Network Ports:
  10G BaseT RJ-45 (Female)
  10G SFP+ fiber slot
  1G LAN RJ-45 (Female)
- Power: 5.5/2.1mm DC socket

Physical Properties

- Dimensions (approx.) WxDxH: 204x134x21.5mm (8.03x5.28x0.85in)
- Housing Material: Metal
- Net Weight: 0.98kg (2.16lb)
- 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: 12VDC 2.5A
- Colour: Black

Miscellaneous

- Packaging Type: Carton box

- Packaging Dimensions: 245x185x75mm (9.65x5.28x2.95in)
- Gross Weight: 1.3kg (2.87lb)
- Warranty: 2
- Certification: CE, UKCA, FCC, RoHS, REACH & California Proposition 65

Package Contents

- SDVoE Transceiver
- Multi-country Power Supply (UK, EU, US & AUS)
- IR Emitter Cable, 1.5m
- IR Receiver Cable, 1.5m
- 4-Pin Terminal Block
- 2 x Mounting Ears & 4 x Screws
- Quick Installation Guide

Purchasing Information

- No.: 38365
- EAN: 4002888383653