38365

4K60 HDMI & USB SDVOE EXTENDER - TRANSCEIVER

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. 38365

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 or 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.6A 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.

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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PRODUCT DETAILS

KEY FEATURES

- 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

SPECIFICATIONS

AV Interface	HDMI®
Console Interface	USB
Interfaces Standard	2.0b, USB 2.0, PoE+ 802.3at
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.6A
Special Features	API support, ENC/DEC modes

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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
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
MTBF	50000 hours
Colour	Black

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