

38396

4K30 HDMI & USB OVER IP SYSTEM - ENCODER

The Lindy 4K30 HDMI® & USB over IP system is a powerful solution for creating a wide range of bespoke, distributed AV and KVM installations. The system comprises Encoder (No. 38396) and Decoder (No. 38397) modules and a separate Controller module (No. 38395). All modules are sold separately so you can build and scale according to your requirements.

One HDMI® source, such as a PC or Media Player, connects to a single Encoder module; one HDMI® display connects to a single Decoder module (No. 38397). Multiple Encoders and Decoders can be combined for a variety of multicast distribution options. The controller module is used to manage the full installation and direct the multiple sources to the multiple displays giving maximum creative freedom and customisation options. All the modules can be connected to a 1G managed switch to create a network of connected devices.

Additionally, the system supports USB KVM control access for each connected module, so connected PCs at the Encoder end can be controlled by KVM consoles at the remote Decoder end.

As well as single display options, combining multiple Decoders and their connected displays allows the user to create impressive video wall and matrix solutions.

This extender system provides JPEG2000 main stream and H.264/H265 codec secondary stream which supports API commands to achieve flexible configurations including from third party control apps.

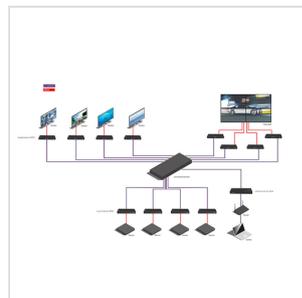
The system requires a layer3 1G managed network switch supporting IGMP snooping and 8K Jumbo frame. With the PoE function it is also possible to power the unit without a PSU.

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

Encoder module for the Lindy 4K30 HDMI® & USB over IP System

Allows a wide variety of custom AV and KVM distribution systems to be implemented

Supports 4K30 HDMI®, audio, RS-232, IR remote, LAN, KVM and 3rd party control systems

Built-in Web GUI browser interface supporting drag & drop operations and image preview

2 year warranty

SPECIFICATIONS

AV Interface	HDMI®
Interface Standard	2.0
Supported Bandwidth	18Gbps
Maximum Distance	100m (328.08ft)
Maximum Resolution	4K@30Hz 4:4:4
HDCP Support	2.2
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
Special Features	PoE, API support

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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
Dimensions (approx.) WxDxH	204x100x21.5mm (8.03x3.94x0.85in)
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
MTBF	50.000 hours
Colour	Black