

100m Cat.6A 2 Host USB 3.2 Gen 1 & HDMI 4K60 HDBaseT Extender

No.: 39365

Extends USB and AV signals from two Type C sources up to 100m via HDBaseT

Description

- Extend USB 3.2 Gen 1 and AV signals from 2 Type C hosts up to 100m using Cat.6A network cable (not included)
- Type C Power Delivery 100W port on the Tx, DisplayLink technology for video over USB on dual HDMI® 4K60 outputs on the Rx
- Power over Cable requires a single power supply to be connected to the transmitter or receiver only
- Supports USB 3.2 Gen 1 (USB 3.0) up to 5Gbps, USB 2.0/1.1 backwards compatibility, RS232, APIs, Audio and FSYNC pass-through ports
- 3 year warranty

This Lindy USB 3.2 Gen 1 & HDMI® 4K60 HDBaseT Extender can be used to extend the distance between 2 host computers and a console with 2 HDMI® displays and USB peripheral devices by up to 100m. Supports multiple USB signals, control, bulk, interrupt and isochronous data transfer.
A Cat.6A or above network cable* (not included) is used to bridge the connection between the transmitter and the receiver unit at the maximum supported distance of 100m (328.08ft).

The Extender features Power over Cable, which requires a single power supply only to be connected either to the transmitter unit or to the receiver unit. The Transmitter has 2 Type C switchable host ports, one of them supports Power Delivery up to 100W connecting an additional USB power supply from a dedicated Type C power port. Both units have local device ports, 1 Type A and 2 Type A each unit, while the Receiver features 2 HDMI® ports supporting Ultra HD resolutions up to 4K60.

Status LEDs help the user to check power, active host, link between Transmitter and Receiver and if data transfer is running while additional RS232 and FSYNC GPIO pass-though ports allow sending bi-directional commands also for industrial cameras. Switching between the 2 hosts can be done via front panel button on the Transmitter or can be set as automatic, it's also possible to control the extender via API commands.

With robust metal housing and mounting brackets, this Extender is the ideal solution for professional applications and industrial environments.
The power supply is connected via a screw type DC jack, providing a more secure and reliable connection, perfect for professional installations where accidental disconnections could create a major issue.

*: To get the best performances we recommend using HDBaseT-certified Cat.6A (or above) cables.
Please Note: switching between the 2 hosts can take a few seconds, please download the latest DisplayLink drivers.

This extender is certified by HDBaseT Alliance.

HDBaseT is a globally recognised standard for high quality distribution of AV content and other technologies, including power and control, over longer distances via low cost Cat.6 or above cable.

HDBaseT Trade Mark and the HDBaseT Alliance logo are trademarks of the HDBaseT Alliance. Using a different cable type, introducing wall plates, couplers or patch panels will result in a reduction of possible distances.

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.

Technical details

Specifications
- AV Interface: HDMI®
- Interface Standard: 2.0, USB 3.2 Gen 1
- Supported Bandwidth: HDMI® 18Gbps, USB 5Gbps
- Maximum Distance: 100m (328.08ft)
- Maximum Resolution: 3840x2160@60Hz 4:4:4 8bit
- HDCP Support: 2.2
- EDID Pass Through
- Supported Audio: Pass Through
- Separate Audio Ports: 5-pin terminal block
- IR Support: -
- CEC Support: Pass Through
- Serial Interface: RS-232 Pass Through
- Transmission Protocol: HDBaseT USB 3
- Transmission Medium: Cat.6A
- Laser Class (only for Fibre): -
- Wavelength (only for Fibre): -
- Chipset: VS6320, DisplayLink
- Special Features: APIs, 100W PD on one Type C port, PoC (Power over Cable), Audio de-embedded, FSYNC, bulk, interrupt and isochronous USB data transfer

Connectors
- Transmitter Input: 2 x USB Type C (Female), USB Type C only for power (Female)
- Transmitter Output: RJ45 (Female), Type C (Female), 2 x Type A (Female)
- Receiver Input: RJ45 (Female)
- Receiver Output: 2 x HDMI® (Female), Type C (Female), 2 x USB Type A (Female), Audio 5-Pin Terminal Block
- Control Ports: Type C (Female), RS-232 4-Pin Terminal Block
- Power: 5.5/2.1mm DC socket

Physical Properties
- Dimensions WxDxH: 180x95x23mm (7.09x3.74x0.91in) each unit
- Housing Material: Metal
- Net Weight: 2.05kg (4.52lb)
- Operating Temperature: 0° - 40°C (32°F - 104°F)
- Storage Temperature: -20°C - 60°C (-4°F - 140°F)
- Humidity: 10 - 90% RH (non-condensing)
- Power Requirements: 24VDC 3.75A
- Colour: Black

Miscellaneous
- Packaging Type: Carton Box
- Packaging Dimensions: 260x85x252mm (10.24x3.35x9.92in)
- Gross Weight: 2.38kg (5.25lb)
- Warranty (Years): 3
- Product Compliance: CE, UKCA, FCC, RoHS & REACH, CP65

Package Contents
- Transmitter unit
- Receiver unit
- 2 x 4-Pin Terminal Block
- 5-Pin Terminal Block
- Multi-Country Power Supply (EU, UK, US & AUS)
- Mounting brackets & screws
- Lindy Manual

Purchasing Information
- No.: 39365
- EAN: 4002888393652

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