# 100m Cat.6A 2 Host USB 3.2 Gen 1 HDBaseT Extender

No.: 43421

HDBaseT USB3 certified

## Description

- Extend USB 3.2 Gen 1 signals from 2 hosts up to 100m using Cat.6A network cable (not included)
- 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 and FSYNC pass-through ports
- Plug & Play installation
- 2 year warranty

This Lindy USB 3.2 Gen 1 HDBaseT Extender can be used to extend the distance between USB peripheral devices and 2 host computers by up to 100m. Supports multiple USB signals, control, bulk, interrupt and isochronous data transfer.
A standard 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). It's also possible to reach up to 40m using a Cat.6 cable.

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 switchable host ports, one Type C and one Type B, with additional local device ports; 4 ports on the Receiver can provide 5V power as well to the connected devices: 2 Type A ports support up to 1.5A each, 1 Type A and 1 Type C ports support up to 1A each.

Status LEDs help the user to check power, 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. 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.

In addition, 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 cover long distances close to the 100m limit, we recommend using HDBaseT-certified Cat.6A (or above) cables.

**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.

# Technical details

## Specifications
USB Standard: USB 3.2 Gen 1
Supported Bandwidth: 5Gbps
Maximum Distance: 100m (328.08ft)
Transmission Medium: Cat.6A or higher network cable
Chipset: VS6320
Special Features: Power over Cable, supports FSYNC, RS232, API, control, bulk, interrupt and isochronous data transfer

## Connectors
Transmitter Input: USB 3.0 Type B (Female), Type C (Female)
Transmitter Output: RJ45 (Female), Type C (Female), 2 x Type A (Female)
Receiver Input: RJ45 (Female)
Receiver Output: Type C (Female), 3 x USB Type A (Female)
Control Ports: Type C (Female), RS-232 4-Pin Terminal Block
Power: 5.5/2.1mm DC socket

## Physical Properties
Dimensions WxDxH: 140x75x23mm (5.51x2.95x0.91in) each unit
Housing Material: Metal
Net Weight: 1.72kg (3.79lb)
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: 270x245x75mm (10.63x9.65x2.95in)
Gross Weight: 2.02kg (4.45lb)
Warranty (Years): 2
Product Compliance: CE, UKCA, FCC, RoHS & REACH, CP65

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

## Purchasing Information
No.: 43421
EAN: 4002888434218