



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

No.: 43410

Supports USB data signals up to 5Gbps

Description

Extend 4 USB 3.2 Gen 1 ports 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 and FSYNC pass-through ports

Plug & Play installation

2 year warranty

This Lindy USB 3.2 Gen 1 Cat.6A Extender can be used to extend the distance between USB peripheral devices and the host computer 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 4 Type A ports on the Receiver can provide 5V power as well to the connected devices; 2 ports support up to 1.5A each and 2 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-through ports allow sending bi-directional commands also for industrial cameras. 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.

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, control, bulk, interrupt and isochronous data transfer

Connectors

Transmitter Input: USB 3.0 Type B (Female)
Transmitter Output: RJ45 (Female)
Receiver Input: RJ45 (Female)
Receiver Output: 4 x USB Type A (Female)
Power: 5.5/2.1mm DC socket

Physical Properties

Dimensions WxDxH: 100x85x30mm (3.94x3.35x1.18in) each
Housing Material: Metal
Net Weight: 0.5kg (1.1lb)
Operating Temperature: 0° - 40°C (32°F - 104°F)
Storage Temperature: -20°C - 60°C (-4°F - 140°F)
Humidity: 0 - 90% RH (non-condensing)
Power Requirements: 24VDC 2A
Colour: Black

Miscellaneous

Packaging Type: Carton Box
Packaging Dimensions: 235x150x80mm (9.25x5.91x3.15in)
Gross Weight: 0.9kg (1.98lb)
Warranty (Years): 2
Product Compliance: CE, UKCA, FCC, RoHS & REACH, CP65

Package Contents

Transmitter unit
Receiver unit
1m USB 3.2 Gen 1 Type A Male to B Male cable
2 x 4-Pin Terminal Block
Multi-Country Power Supply (EU, UK, US & AUS)
Mounting brackets & screws
Lindy Manual

Purchasing Information

No.: 43410
EAN: 4002888434102