

100m USB 3.2 GEN1 CAT.6A **HDBaseT EXTENDER**



100m, USB 3.2 GEN 1 CAT.6A HDBaseT EXTENDER

Extend Your USB Connections with the Lindy
USB 3.2 Gen 1 Cat.6A HDBaseT Extender



In today's interconnected world, robust and high-performance USB connections are essential for professional applications across various industries. Introducing the Lindy USB 3.2 Gen 1 Cat.6A HDBaseT Extender, a cutting edge solution designed to extend USB connections over long distances with exceptional reliability and efficiency.

KEY FEATURES & BENEFITS

EXTENDED RANGE:

Achieve seamless connectivity up to 100 meters, ensuring your devices stay connected without compromising performance.

MULTI-USB SIGNAL SUPPORT:

Effortlessly manage multiple USB signals, making it ideal for complex UCC applications, industrial environments and professional installations.

SUPERIOR PERFORMANCE:

Engineered for outstanding performance, this extender is perfect for demanding applications requiring stable and high-speed data transfer.

VERSATILE APPLICATIONS:

Whether in an UCC, Industrial or any professional environment, the Lindy USB 3.2 Gen 1 Cat.6A HDBaseT Extender offers unmatched flexibility and reliability.

WIDE RANGING COMPATIBILITY:

Support for a variety of USB devices, including cameras, white boards, video capture, KVM and storage devices.

PRODUCT DESCRIPTION

The Lindy USB 3.2 Gen 1 Cat.6A HDBaseT Extender allows you to extend USB 3.2 Gen 1 connections up to 100 meters using a standard Cat.6A network cable or up to 40 meters using a Cat.6 cable. Utilising the latest HDBaseT technology, it delivers robust, professional-grade performance and compatibility. Support for USB 3.2 Gen 1 data transfer rates of up to 5 Gbps enables the integration of a wide range of USB peripherals, including conference room cameras, interactive whiteboards, video capture devices, and storage devices.



It also maintains compatibility with USB 2.0 and USB 1.1 to support legacy devices. An additional feature of this extender is the "Power over Cable" technology, allowing the power supply to be connected either at the transmitter or the receiver. This means only a single power supply is needed, simplifying and increasing flexibility.

TECHNICAL SPECIFICATIONS

- USB Standard: USB 3.2 Gen 1
- Supported Bandwidth: 5 Gbps
- Maximum Range: 100 meters (328.08 ft)
- Transmission Medium: Cat.6A [or higher] network cable
- Chipset: VS6320
- Special Features: Power over Cable, FSYNC, RS232, control, bulk, interrupt, and isochronous data transfer

CONNECTIONS

TRANSMITTER

- Inputs: USB Type B (female)
- Outputs: RJ45 (female)
- Power Supply: 5,5/2,1 mm DC jack



RECEIVER

- Receiver Inputs: RJ45 (female)
- Receiver Outputs: 4 x USB Type A (female)
- Power Supply: 5,5/2,1 mm DC jack

APPLICATIONS

The Lindy USB 3.2 Gen 1 Cat.6A HDBaseT Extender is perfect for various applications:



INDUSTRIAL ENVIRONMENTS:

Robust design and reliability for demanding conditions.



PROFESSIONAL INSTALLATIONS:

Surface mountable for discreet reliable installations, with secure power connection through a screw-locking DC jack.



AV & UCC INSTALLATIONS:

Allows standard USB devices to be integrated within installations, over longer distances without limiting performance.



REMOTE MONITORING AND CONTROL:

RS232 and FSYNC-GPIO pass-through connections for bidirectional control.



PHYSICAL PROPERTIES

- Dimensions (HxWxD): 100 x 85 x 30 mm [3.94 x 3.35 x 1.18 in]
- Case Material: Metal
- Weight: 0.5 kg [1.1 lb]
- Operating Temperature: 0° - 40°C [32°F - 104°F]
- Storage Temperature: -20°C - 60°C [-4°F - 140°F]
- Humidity: 20 - 90% RH (non-condensing)
- Power Consumption: 24VDC 2A
- Color: Black

PACKAGE CONTENTS

- Transmitter
- Receiver
- 1m USB 3.2 Gen 1 cable (Type A to B)
- 2x4-Pin Terminal Block
- Multi-country power supply (EU, UK, US & AUS)
- Mounting brackets
- Lindy manual



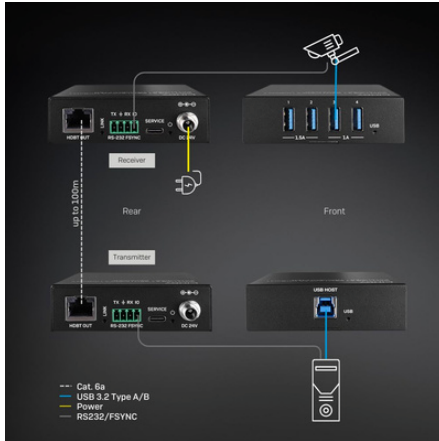
COMPARISON TO COMPETING PRODUCTS

The Lindy USB 3.2 Gen 1 Cat.6A HDBaseT Extender offers a superior alternative to traditional USB extension solutions, excelling in distance, features, stability, compatibility, and cost-effectiveness. This professional-grade extender ensures enhanced performance and reliability, making it an ideal choice for demanding applications. Compared to existing USB 3.2 Cat.6-based extension solutions, the Lindy USB 3.2 Gen 1 Cat.6A HDBaseT Extender offers a more compact design, saving valuable installation space. It operates with a single power supply, enhancing installation flexibility and reducing overall power consumption.

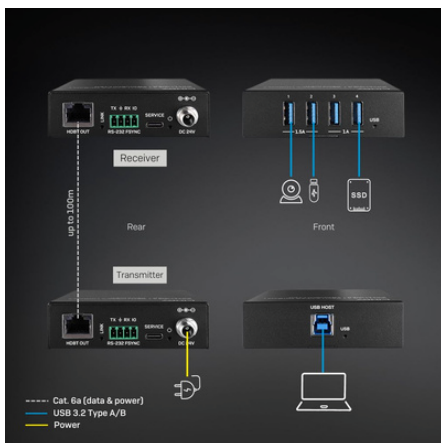
Additionally, it presents a more cost-effective solution without compromising on performance or reliability.

The Lindy USB 3.2 Gen 1 Cat.6A HDBaseT Extender surpasses the limitations of fibre-based USB 3.0 extension solutions by incorporating additional features such as RS232 and FSYNC. It supports power over cable and a wide range of USB standards and protocols, all while utilizing Cat.6A cabling for straightforward field termination. This advanced extender provides a comprehensive and versatile solution, meeting the demands of various professional applications.

CONCLUSION



Use with FSYNC



Generic USB setup

In an era where robust and high-performance connections are critical across various professional applications, the Lindy USB 3.2 Gen 1 Cat.6A HDBaseT Extender stands out as a game-changer. Its ability to extend USB connections up to 100 meters while maintaining exceptional performance and reliability makes it an indispensable tool for a wide range of industries. The extender's support for multiple USB signals, outstanding data transfer rates, and broad compatibility with USB devices ensures seamless integration into any professional setting.

In conclusion, the Lindy USB 3.2 Gen 1 Cat.6A HDBaseT Extender is an innovative and reliable choice for extending USB connections. Its superior performance, ease of installation, and wide-ranging compatibility make it an essential asset for any industrial, AV, UCC, or remote monitoring and control application.



CONTACT INFORMATION:

LINDY Electronics Iberia EU
 Website: www.lindy.com
 Phone: +34 930 46 50 92
 Email: eusales@lindy.com



WARRANTY INFORMATION:

This products comes with a 2-year warranty.



COMPLIANCE:

This product complies with CE, UKCA, FCC, RoHS & REACH, CP65 standards.