



100M USB 5Gbps Extender Over Ethernet with Hub (U1337B)

Supports 3 USB-C and 4 USB-A with FSYNC Control.

Human friendly



Description:

UNITEK 100M USB Extender allows 5Gbps USB signal transmission over a single CAT6a cable for distances up to 100 meters. Ideal for high-speed USB peripheral connectivity, it excels in low-latency applications like industrial cameras, medical equipment, and video conferencing. Featuring multi-port expansion and support for FSYNC, UART, and RS232 protocols, it simplifies complex setups while ensuring reliable performance.

Product Features:

- **PTZ Camera Support:** Fully compatible with PTZ (pan-tilt-zoom) cameras, enabling precise control for professional applications.
- **Ultra-Long Range:** Extends USB connectivity up to 100 meters using T568A/568B CAT6A U/FTP cable, surpassing traditional USB limitations for stable, low-latency transmission.
- **Sturdy Aluminum Alloy Shell:** Constructed from aluminum alloy, the product ensures durability and excellent heat dissipation for reliable long-term performance.
- **High-Speed Transmission:** Achieves a remarkable 5Gbps transfer rate, functioning as a comprehensive connectivity station. Enjoy the superfast USB 3.0 speed for bandwidth-intensive devices like external SSDs and HD cameras, while maintaining full plug-and-play compatibility with USB 2.0 and 1.1 peripherals such as keyboards, mice, and printers.
- **Multi-Functional Expansion:** Features a 7-port USB hub design with flexible configurations: 2 USB-A and 1 USB-C host ports, along with 2 USB-A and 2 USB-C device ports. This versatile setup accommodates a wide range of USB devices, ensuring reliable long-distance signal transmission without sacrificing speed.
- **Enhanced Data Integrity:** Certified to work with CAT6a shielded (U/FTP) cables, providing superior resistance to crosstalk and electromagnetic interference (EMI). This guarantees data integrity over long distances, especially in electrically noisy environments.
- **Supports FSYNC, UART, and RS232 Protocols:** Integrates FSYNC control, allowing communication for remote operation of industrial cameras. This feature enables you to send control commands—such as focus, zoom, and pan/tilt movements—over the same Ethernet cable that carries the video signal. It simplifies wiring and control in complex automated setups while ensuring perfect synchronization of multiple cameras to eliminate rolling shutter effects for high-precision imaging.
- **System compatibility:** Supports mainstream operating systems such as Windows, macOS, and Linux, which have standard USB Host interfaces, enhancing product applicability.

Package Contents:

1 x Host Side; 1 x Device Side; 2 x 12V/2A Power Adaptor; 1 x 1M 5Gbps USB-C to C cable; 1 x 1M 5Gbps USB-A to C cable; 1 x User Manual

Pieces/ Carton:

10 pieces/ carton

Dimensions	106*118*24mm (Host/Device)
Upstream	Host side: 1 x USB-C (host); 1 x FSYNC
Downstream	Host side : 5Gbps (2 x USB-A, 1 x USB-C); 1x RJ45; Device side : 5Gbps (2 x USB-A; 2 x USB-C); 1 x RJ45; 1 x USB-C (Service); 1 x FSYNC
Transfer Rate	USB 5Gbps
Distance	Up to 100m over CAT6A U/FTP cable
Power Supply	12V/2A Power adaptor
Material/ Color	Aluminum Alloy/ Black