



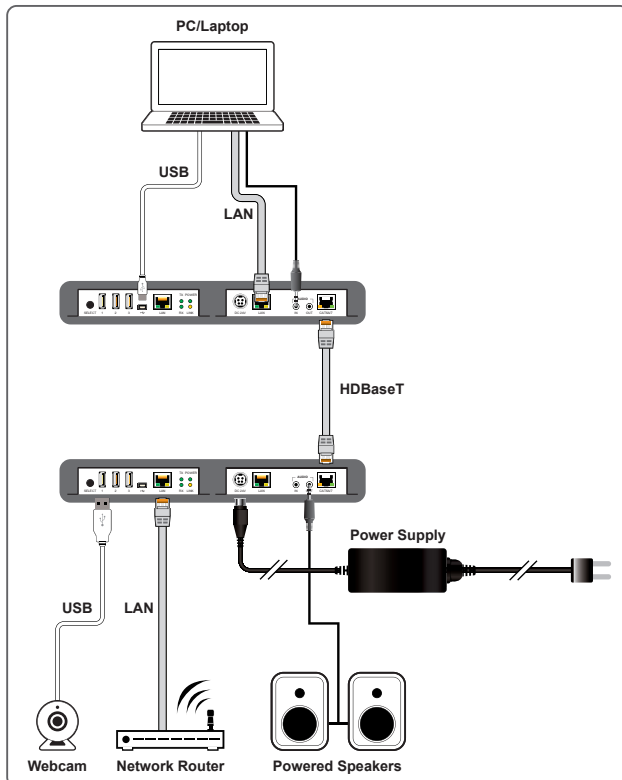
Currently, USB is the most prevalent interface standard in use today, and almost every webcam, storage device, and HID (Human Interface Device) uses it. Applications for USB are everywhere, so naturally the need to extend the range of a USB connection is just as common. This USB 2.0 Hub Extender with Audio/LAN is a transceiver which provides a simple and efficient way to extend not only USB 2.0 signals, but also stereo audio and LAN connectivity. These signals are extended as a high quality, uncompressed, data stream over a single Cat.6A cable with a maximum length of up to 100 meters (328 feet).

A typical system can support one USB host and up to 6 USB devices (3 on the transmitter side and 3 on the receiver side). The location of the USB host device is automatically set by hot plug detection, but can also be manually controlled using a front panel button. This unit supports bi-directional PoC (Power over Cable) and can receive, or provide, power from/to the connected unit.

PANELS



DIAGRAM



FEATURES

- Supports Point-to-Point topology
- Supports USB2.0, multi-streaming and multiple USB 2.0 device ports
- Supports auto configurable USB port, each can act either as Host or Device
- All USB device ports on both the transmitting unit and receiving unit are active simultaneously, allowing for the connection of up to 6 USB 2.0 devices to a single host
- HDBaseT feature support: Audio and bi-directional 24V PoC pass-through
- Supplies up to 1A to each USB port concurrently

SPECIFICATIONS

Interfaces

Input Port	1 x Analog Stereo (3.5mm)
Output Port	1 x Analog Stereo (3.5mm)
Bi-direction Port	1 x HDBaseT (RJ-45)
Pass-Through Port	3 x USB (Type-A) 1 x USB 2.0 (Mini B) 2 x LAN (RJ-45)

USB

Cable Length	Up to 100m over a single Cat.6A/7, or better cable
HDBaseT Bandwidth	500Mbps

Audio

Supported Channel	8, 16, 18, 20, 24, 32
Sampling Rate	32KHz, 44.1KHz, 48KHz, 88.2KHz, 96KHz, 176.4KHz, 192KHz

Power

Power Supply	24V/2.7A
Power Consumption	52W

Enclosure

Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (W×H×D)	128mm× 25mm× 108mm [Case Only] 128mm× 28mm× 117mm [All Inclusive]
Weight	370g

ORDERING INFORMATION

Model No.	Product Description
CH-701TR	USB 2.0 Hub Transceiver with Audio/LAN