Hunter USB 3.2 Extender 100 meters over Cat6e

9459-HUC-USB3.2-100M

USER MANUAL

Product Introduction

Hunter Extender of USB3.0 protocol, the receiver with four USB3.0 interfaces, It's compatible with USB2.0 and 1.1 protocol equipment. And suitable for USB printer, U disk, mobile hard disk, USB Somatosensory, camera, touch screen, Keyboard and mouse, USB to video / audio converter and other devices, using a double-shielded network cable CAT6A to extend the distance up to 100 meters.

Features

- Extends Type-C Host USB 3.2 connectivity up to 100 meters over a single Cat6e cable
- Supports up to 4 USB standard devices, including cameras, USB storage devices, touch displays, keyboards, and mice
- Hot-swappable and plug-and-play capabilities for easy installation and use
- Comes with a power supply of 12V2A for stable and reliable power to connected devices
- Includes a set of transmitter and receiver for easy setup
- Supports touch displays for various applications, including digital signage and point-of-sale systems.

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The CAT6A cable between the transmitter and the receiver	100M
The unshielded network cable CAT 6 (23 AWG)between the TX and the RX	50M
Max baud rate	5Gbps
Temperature range	(0°C to +45°C)
Operating humidity range	5 to 90% RH (no condensation)
Dimension (L x W x H)	104x103x28 (mm)X2
TX Weight	171g
RX Weight	177g

Transmitter

RJ 45 Ethernet .... 100 / 1000 port
Power Adapter specification .... Input AC (50Hz, 60Hz) 100V-240V; output: DC12V/2A
Current 0.2A

Receiver

USB 3.0 Class A Port .... 4 * USB 3.0
RJ45 Ethernet .... 100 / 1000 port
Effective current .... Each USB port is up to 1.5A
Power adapter .... Input AC (50Hz, 60Hz) 100V-240V; output: DC12V/2A
Maximum operating current .... 300mA (no USB device connected)

Connection Diagram

PC

USB camera

USB cable

CAT6A(100M)

Unshielded network cable CAT6 (50M)

Transmitter

Receiver

U disk, keyboard / mouse,
USB camera and other devices
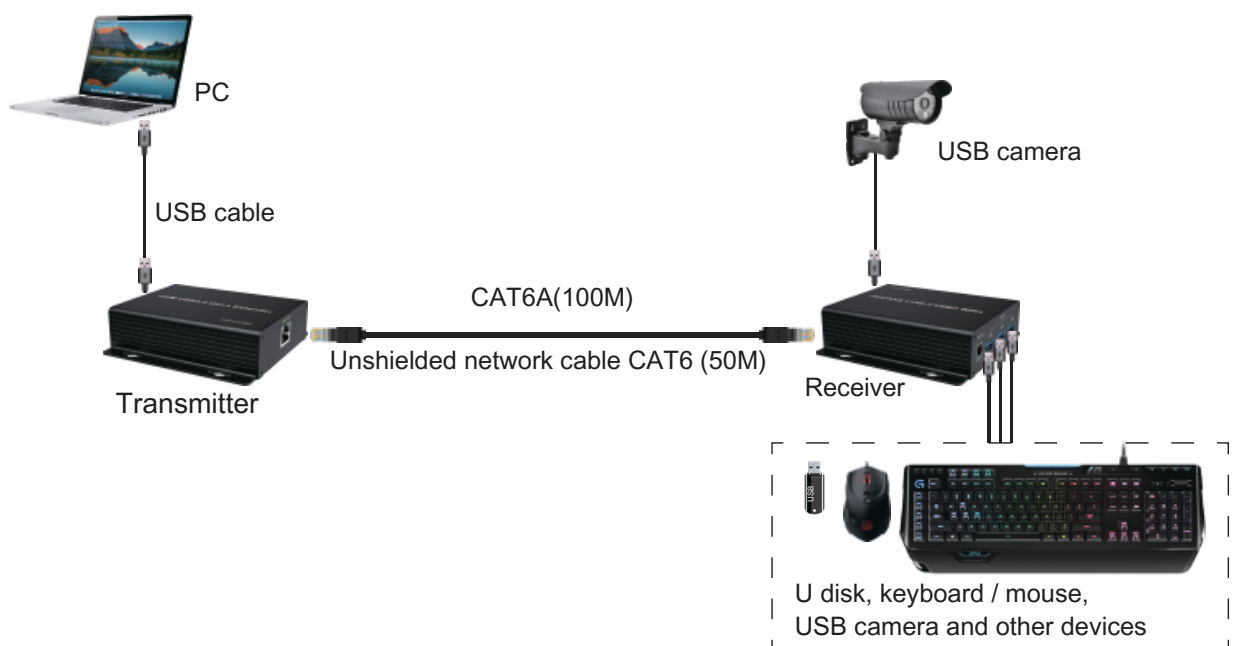
1. Using a double-shielded network cable CAT6A to connect the transmitter and receiver. The cable distance is up to 100 meters.
2. Connect a type-C 3.0 data cable to the USB3.0 port on computer. 3. Connect the transmitter and the receiver to the power.
Note: the USB-IF organization has decided to include USB 3.0 / 3.1 interface into the category of USB 3.2 interface. USB 3.0 interface is called USB 3.2 Gen 1, USB 3.1 interface is called USB 3.2 Gen 2, and USB 3.2 interface is called USB 3.2 Gen 2x2.

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Transmitter
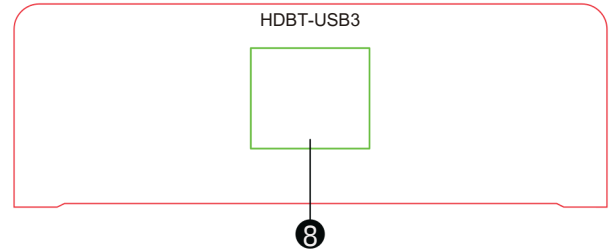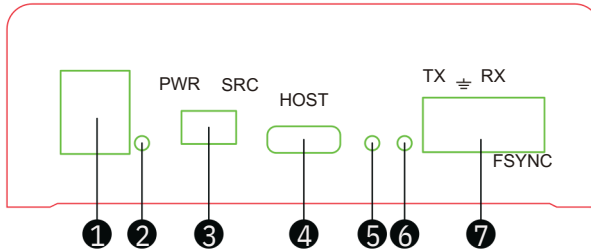
1: DC / 12V -DC power input port, 12V / DC power adapter input.
2: Red light -Power indicator.
3: DIP Switch -PWR: select 12V / DC power; SRC: select Type-C power.
4: HOST -Connected to the computer (host) USB port.
5: Blue light -Type-C 3.0 insert the indicator light.
6: Blue light -Operation indicator light.
7: Phoenix terminal - TX $=$ RX: RS232 level serial port transmitter;
FSYNC: Synchronous signal (1.8V level) control end.
8: Network port - Yellow light: TX and RX connected successfully;
Green light: flashing (Transmitter USB2.0 connection state)
always bright (Transmitter USB3.0 connection state).

Receiver
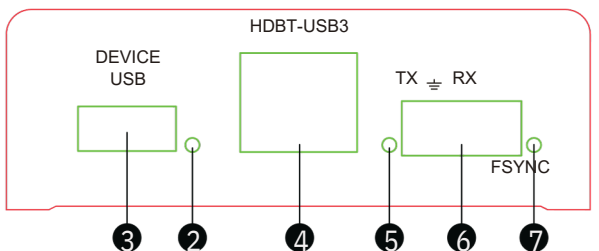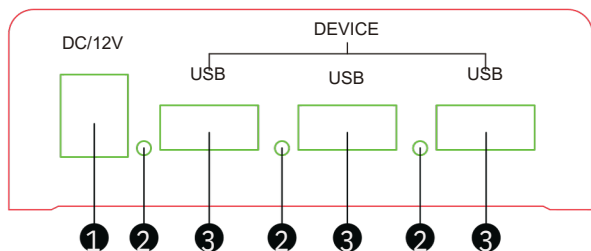
1: DC / 12V -DC power input port, 12V / DC power adapter input.
2: Blue light - USB equipment identi fication indicator light.
3: DEVICE terminal USB --- USB3.2Gen1 interface (U disk, keyboard / mouse,
USB camera and other devices).
4: Network port - Yellow light: TX and RX connected successfully;
Green light: flashing (Transmitter USB2.0 connection state)
always bright (Transmitter USB3.0 connection state).
5: Blue light --- Operation indicator light.
6: Phoenix terminal - TX $=$ RX: RS232 level serial port transmitter;
FSYNC: Synchronous signal (1.8V level) control end.
7: Red light --- Power indicator light.

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audio-visual conference

command & control room

home theatre

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100M USB3.2 Gen1 Extender

Transmitter

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100M USB3.2 Gen1 Extender

Receiver

Warranty 1 Year

1 YEAR WARRANTY

If your product does not work properly because of a defect in materials or workmanship, our Company (warrantor) will, for the length of the period indicated as 1 Years, which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the "Labor" Limited Warranty period there will be no charge for labor.

During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

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