



USB/Keyboard Mouse Extender Series

User Manual

Model: UE02H

USB 2.0 CAT5e Extender with 4 Port Hub 140M



Introduction

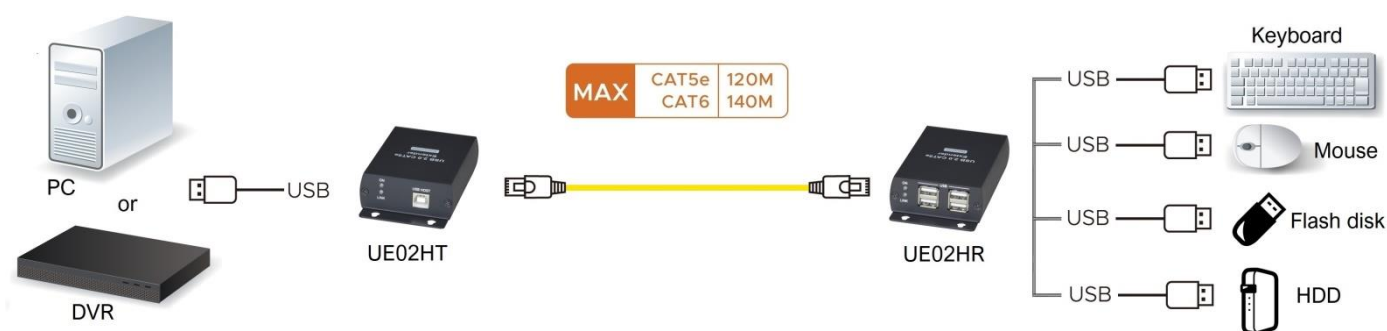
UE02H is a USB extender designed to carry 4 ports of USB signal to the remote side using a cost-effective Ethernet cable. It is a perfect solution for digital signage, home network integration, and industrial control.

Features

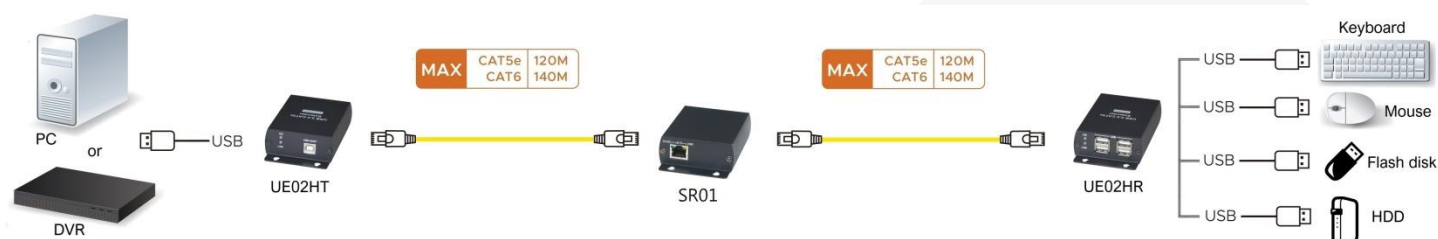
- Extends an USB signal using an Ethernet cable.
- Signal extension up to 150M.
- Built-in 4 USB ports at TX unit.

Installation View

(1) Connects UE02HT and UE02HR directly

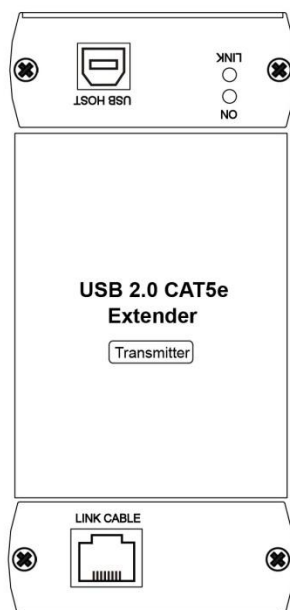


(2) Works with optional model SR01 for extra 140M over CAT6 cable, 120M over CAT5e cable



Panel View

UE02HT



UE02HR



UE02HT Panel

No.	Interface	Description
1	USB Type B Port	Connects to PC with USB type B to Type A cable. (Cable is included in package.)
2	Power LED (Green) Link LED (Blue)	Green light indicates “ON” status. Blue light indicates that UE02HT and UE02HR are linked.
3	Ethernet Port	RJ45 connector (please refer to Note 1)

UE02HR Panel

No.	Interface	Description
1	USB Type A Port	Connects to USB devices. (please refer to Note 2)
2	Power/ Link LED	Green light indicates the device is on. Blue light indicates that UE02HT and UE02HR are linked.
3	Ethernet Port	RJ45 connector (please refer to Note 1)
4.	Power Input Port	Connects to DC5V 2000mA power adapter (ø2.5mm)

Notes

1. a. Cable:

- (1) It is recommended to use high quality CAT5e UTP/STP/FTP or CAT6 UTP cable.
- (2) The transmission distance may be decreased by the cable quality, performance of input or output devices and installing environment .

b. Cable Define: (TIA/EIA-568-B)

1. Orange-white	Data 1 +
2. Orange	Data 1 -
3. Green-white	Data 2 +
4. Blue	Data 3 +
5. Blue-white	Data 3 -
6. Green	Data 2 -
7. Brown-white	Data 4 +
8. Brown	Data 4 -

- 2. The maximum power providing from each USB port is 500mA, and the total maximum power from 4ports approximately 1700mA.

Package Included

UE02HT x 1pcs
UE02HR x 1pcs
USB type B to type A cable (150cm)
DC5V 2000mA power adapter x 1pcs

Specification

ITEM NO.	UE02T	UE02R
Support		
Compliance	USB 2.0, USB 1.1, USB 1.0	
Data Bandwidth	120 Mbps	
Max. Transmission Distance	140M over CAT6, 120M over CAT5e	
Ports & Interfaces		
Data Input	1 x USB Type B	1 x RJ45
Data Output	1 x RJ45	4 x USB Type A
Power		
Power Supply	Power from PC	DC 5V 2A
Power Consumption	200mA (Max)	300mA (Max)
Ambient Temperature		
Operation	0 to 55°C	
Storage	-20 to 85°C	
Humidity	Up to 95%	
Physical Characteristics		
Dimensions	120 x 67 x 27mm	130 x 67 x 27mm
Weight	190g	210g