USB 2.0 CAT5e Extender with 4 Port Hub

UE02H   USB CAT5e Extender with 4 Ports USB Hub

UE02H USB extender is designed for extending 4 ports USB device up to 140M over CAT5e/6 UTP cable. It breaks through the 5M transmission distance limitation of USB.

It is perfect for applications for digital signage, home network integration, industrial control, security, USB device sharing, and KVM extension. .
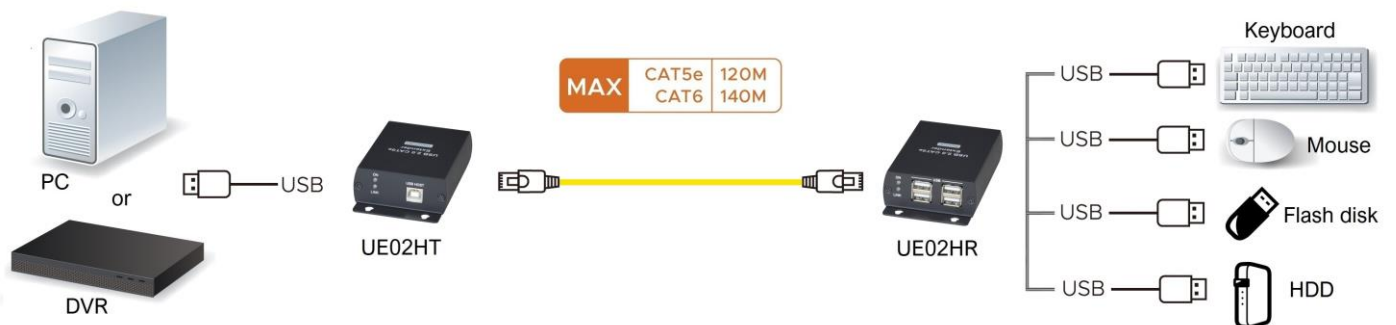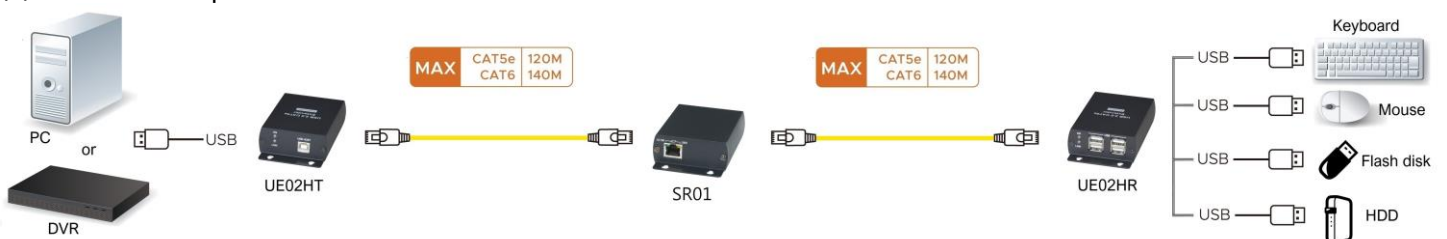

Features:

- Extends 4 USB devices up to 140M over CAT6 cable. , 120M over CAT5e cable.

- Supports USB 2.0 and USB 1.1/ USB1.0 devices.

- Receiver unit built-in 4 USB ports to connect 4 USB devices.

- Plug and play for easy operation.

- Application for extending USB 2.0 peripheral devices, such as flash drive, hard drive, keyboard, mouse, camera, printer etc.

- Optional model: SR01 signal repeater for longer distance application.

Installation:

(1) Connects UE02HT and UE02HR directly.

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

Panel Review:

UE02T

UE02R

UE02T Panel

No.	Interface	Description
1	USB Type B Port	Connects to PC with USB type B to Type A cable. (Package includes the cable.)
2	Power/ Link LED	Green light indicates the device is on. Blue light indicates all devices are linked.
3	Ethernet Port	RJ45 connector (please refer to Note 1)

UE02R 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 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/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:

	UE02HT	UE02HR
Distance	CAT6 140M; CAT5e 120M	
USB compliant	USB2.0/ USB1.1/ USB1.0	
Transmission Rate	120Mbps	
Ethernet Port	RJ45 connector	
USB Interface	USB Type B	USB Type A x 4 ports
Power Consumption	200mA (Max.)	300mA (Max, without USB device connecting)
Power Adapter	N/A (Power is supplied from PC.)	DC 5V 2000mA
Temperature	Operation: 0 to 55℃, Storage: -20 to 85℃, Storage Humidity: up to 95%	
Dimensions (L x W x H)	120mm x 67mm x 27mm	130mm × 67mm × 27mm
Weight	190g	210g

RoHS CE FC

Rev. A