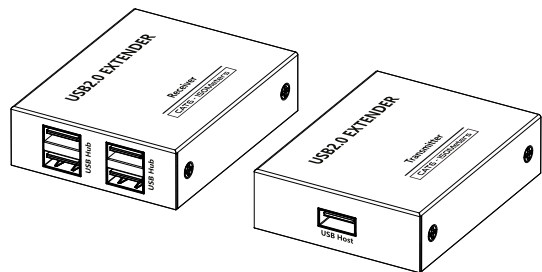## User Manual

USB EXTENDER

4-PORT USB 2.0 EXTENDER OVER IP/ETHERNET (150M)

ER2692UEX

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

· Important Safety Instructions:

1. To prevent electric shock, please ensure that all apparatus is properly grounded.
2. Place the device in a well-ventilated area, do not block any ventilation openings.
3. Do not expose this apparatus to rain or place it near water. Any liquid that goes into the apparatus may cause a failure, fire, or electric shock.
4. Do not place the device on an uneven or unstable surface. The device may fall resulting in a malfunction.
5. Never insert anything metallic into the open parts of this apparatus. This may cause a danger of electric shock.
6. If a three-party power supply is used, please ensure that the power supply specifications meet the product requirements.

· Introduction

This is a USB 2.0 extender, which can realize one-to-one connection through CAT5e/6/7 network cables, with a transmission distance of up to 100m for CAT5e and 150m for CAT6 and above; When the connection passes through the switch, the input and output cable distances can reach 100m respectively. It supports 4 channels of USB 2.0 device input, such as printer, camera, scanner, USB flash drive, keyboard, mouse, touchscreen, etc., and supports gigabit switch cascade.
It can be used for security monitoring, gaming, industrial control, professional audio-visual, smart medical and other fields.

Features

1. Support USB 2.0 High-Speed, Compatible with USB 1.1 Full-Speed, USB1.0 Low-Speed.
2. Support 4 USB 2.0 inputs and 1 USB 2.0 output.
3. Compatible with CAT5e/6/7 network cables, CAT5e transmission distance can reach 100m, and CAT6/7 transmission distance can reach 150m.
4. Support USB hub connection.
5. The transmitter is powered by the source device, no additional power supply is required.
6. Support switch relay, the transmission distance of signals can be increased through the switch.
7. Support hot-plugging of USB devices and automatically identify USB High-Speed, Full-Speed and Low-Speed
8. Lightning protection, surge protection, ESD protection.
9. Plug and play.

Package Contents

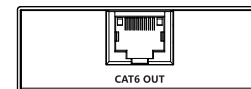Transmitter x1   Receiver x1   DC5V/1A x1
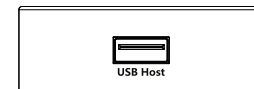
User Manual x1   USB Cable x1

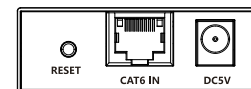---

· Panel Description

Transmitter

CAT6 OUT   USB Host

① ②

① RJ45 Ports	Connect with CAT5e/6 network cable
② USB-A Ports	Connect with computer

Receiver

RESET   CAT6 IN   DC5V   USB Hub   USB Hub
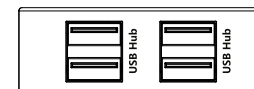
① ② ③ ④

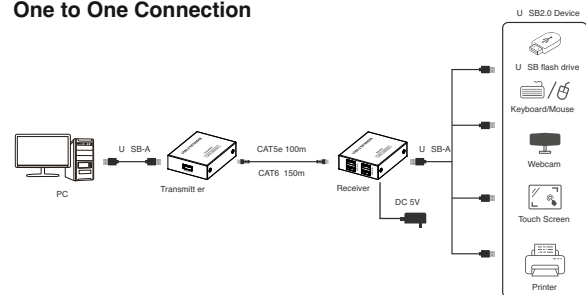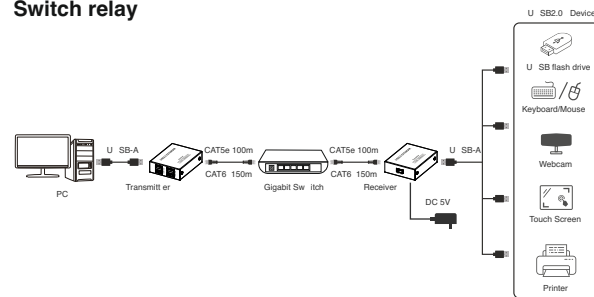| ① Reset Button	Press to restart the devic e
② RJ45 Ports	Connect with CAT5e/6/7 network c able
③ Power Input	Connect with DC5V/1A power adapter
④ USB-A Ports	Connect with USB 2.0 devices suc h as USB flash drive, keyboard, mouse

· Installation Procedures

One to One Connection

USB2.0 Device
USB flash drive
Keyboard/Mouse
Webcam
Touch Screen
Printer

PC
USB-A
Transmitt er
CAT5e 100m
CAT6 150m
Receiver
USB-A
DC 5V

Switch relay

USB2.0 Device
USB flash drive
Keyboard/Mouse
Webcam
Touch Screen
Printer

PC
USB-A
Transmitt er
CAT5E 100m
CAT6 150m
Gigabit Sw itch
CAT5e 100m
CAT6 150m
Receiver
USB-A
DC 5V

Connection Instructions

1. Connect the transmitter to the signal source device via USB cable, and then connect the USB device to the receiver.
2. Connect the transmitter and receiver with Cat5e/6/7 network cable. If the transmission distance needs to be further extended, connect the switch between the transmitter and the receiver.
3. Plug the power supply into the receiver to get started.

Q & A

Q：There is no response after USB device is connected?

A：1) Please check whether the driver is installed properly；
2) Please check whether the network cable conforms to IEEE-568B standard and whether the cables are firmly connected；
3) Reset the receiver by pressing the reset button or repower it.

Q：The receiver is unstable when connected to an external web camera?

A：When connecting high-power USB devices, it is necessary to supply additional power to external devices.

Specification

Item	Parameters
Compat ibility	USB 2.0, compatible with USB1 .1, USB1 .0
Transmission Rat e	Compat ible with High -Speed(480Mbps), Full-Speed(12Mbps), Low- Speed(1.5Mbps)
Transmission Distance	CA T5e≤100m；CA T6/6 A/7 ≤150m
USB Device	Support print er, camera, scanner, USB fla sh dr ive, ke yboard, mouse, t ouch screen...
Sw itch Extension	Supports Giga bit sw itches
USB Hot- Plug	Support
Operating Syst em	Windo w s, MacOS, Linux, Andr oid
USB-A	4 ports USB-A input 1 ports USB-A output
St anda rd	CA T5e/CAT6/CAT6A /CAT7，Follow IEEE-568B Standa rd
Ph ysical Properties	
Housing	Iron
Dimensions	76.0(L) x 60.0(W) x 21.0(H) mm
Weigh t	Tx：123g Rx：128g
Color	Black
Pow er	
Pow er Supply	TX：powered by the source device RX：DC5V/1 A
Pow er Consumpt ion	TX≤2W RX≤2W
Operating Environment	
Workin g t emperature	-20～60°C

St orage t emperat ure	-30～70°C
Humidit y	0～90%（No condensat ion)
Protect ion	ESD prot ection 1a Cont act discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of t he standa rd: IEC61000-4-2
	Ligh t ning protection, Surge prot ect ion
Application	
Indust rial Cont rol, KVM Extension, Professional AV, Security and Monit oring, Gaming, etc.	

Disclaimer

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