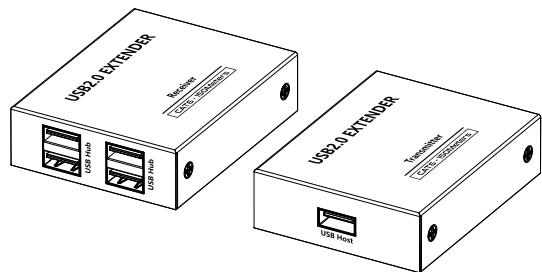


TrueReach
USB® 2.0 EXTENDER
 492ft(150m) 4-Ports High-speed



User Manual
 Y10G004-B1

Important Safety Instructions:

1. To prevent electric shock, please ensure that all devices are properly grounded.
2. Place the device in a well-ventilated area, do not block any ventilation openings.
3. Do not expose this device to rain or a place near water. Any liquid that goes into this device 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 object into the open parts of this device. This may cause a danger of electric shock.
6. If a third-party power supply is used, please ensure that the power supply specifications meet the product requirements.

Introduction

This is a Rocstor TrueReach USB 2.0 extender, which provides one-to-one connection through CAT5e/6/7 network cables, with a transmission distance of up to 328 ft (100m) for CAT5e and 492 ft (150m) for CAT6 and above; When the connection passes through the switch, the input and output cable distances can reach 328 ft (100m) respectively. It supports 4 channels of USB 2.0 device input, such as printer, camera, scanner, USB flash drive, keyboard, mouse, touchscreen, and more. And supports gigabit switch cascade. It can be used for security monitoring, gaming, industrial control, professional audio-visual, smart medical and other fields.

Features

- Supports USB 2.0 High-Speed, Compatible with USB 1.1 Full-Speed, USB1.0 Low-Speed.
- Supports 4 USB 2.0 inputs and 1 USB 2.0 output.
- Compatible with CAT5e/6/7 network cables, CAT5e transmission distance can reach 328 ft (100m), and CAT6/7 transmission distance can reach 492 ft (150m).
- Supports USB hub connection.
- The transmitter is powered by the source device, no additional power supply is required.
- Supports switch relay, the transmission distance of signals can be increased through the switch.
- Supports hot-plugging of USB devices and automatically identify USB High-Speed Full-Speed and Low-Speed
- Lightning protection, surge protection, ESD protection.
- Plug and play.

Package Contents



Transmitter x1



Receiver x1



DC5V/1A x1



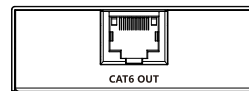
User Manual x1



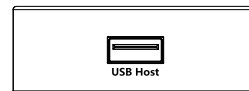
USB Cable x1

Panel Description

Transmitter



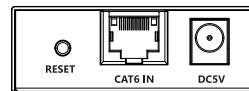
1



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

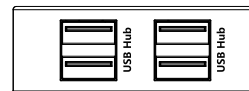
Receiver



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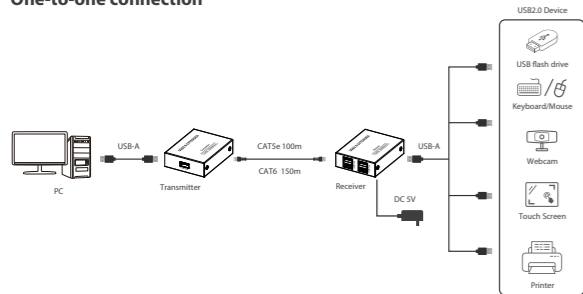


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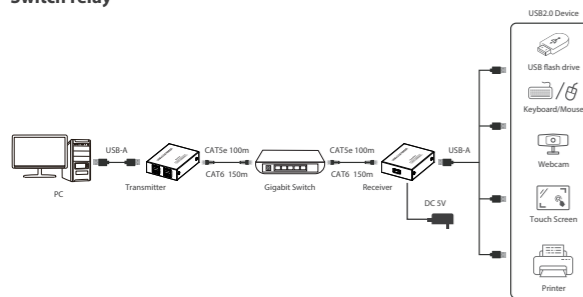
1 Reset Button	Press to restart the device
2 RJ45 Ports	Connect with CAT5e/6/7 network cable
3 Power Input	Connect with DC5V/1A power adapter
4 USB-A Ports	Connect with USB 2.0 devices such as USB flash drive, keyboard, mouse

Installation Procedures

One-to-one connection



Switch relay



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Installation Procedures

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 re-power 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.

Disclaimer

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Specifications

Item	Parameters
Compatibility	USB 2.0, compatible with USB1.1, USB1.0
Transmission Rate	Compatible with High-Speed(480Mbps), Full-Speed(12Mbps), Low-Speed(1.5Mbps)
Transmission Distance	CAT5e≤100m; CAT6/6A/7≤150m
USB Device	Support printer, camera, scanner, USB flash drive, keyboard, mouse, touch screen...
Switch Extension	Supports Gigabit switches
USB Hot-Plug	Support
Operating System	Windows, MacOS, Linux, Android
USB-A	4 ports USB-A input 1 ports USB-A output
Standard	CAT5e/CAT6/CAT6A/CAT7, Follow IEEE-568B Standard
Physical Properties	
Housing	Iron
Dimensions	76.0(L) x 60.0(W) x 21.0(H) mm
Weight	Tx: 123g Rx: 128g
Color	Black
Power	
Power Supply	TX: Powered by the source device RX: DC5V/1A
Power Consumption	TX≤2W RX≤2W
Operating Environment	
Working Temperature	-20°~60°

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Specifications

Storage temperature	-30°~70°
Humidity	0~90% (No condensation)
Protection	ESD protection 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2 Lightning protection, Surge protection
Application	
Industrial Control, KVM Extension, Professional AV, Security and Monitoring, Gaming, etc.	

FAQ

Technical Support / RMA - Corporate Headquarters

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 Mon - Fri (excluding holidays)
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 Fax: +1 (818) 875-0002
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