USB-2154

USB extender

User Manual

Thank you for purchasing our products, we always adhere to the spirit of "professional, creative, reliable, service" to cooperate with all our clients. Customers' satisfaction is our success!

In order to facilitate and proper use this product, please read the instructions carefully before use.

Product introduction

This product includes a transmitter(marked with Sender) and a receiver(marked with Receiver),Direct connected extention computer host USB interface at up to distance 150 meter through by single ethernet cable,Support for access to Gb Network Transmission is further away,The receiver extend four port USB interface.

The product can be widely used in computer, education, bank, and industry systems.

Product Feature

1. Receiver extend four port USB interface
2. Support for access to Gb Network Transmission
3. Works with all USB devices,True plug and play
4. No software drivers required

Product specification:

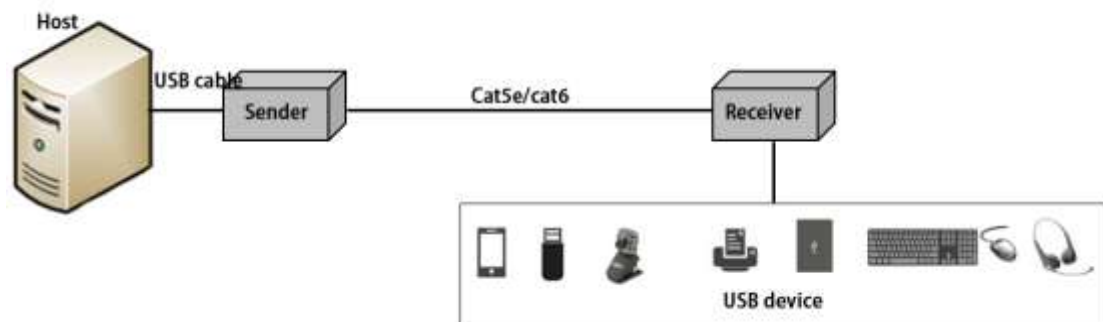| Input	1 USB port
Output	4 USB port
Direct extension distance	0-150 Meter
Cable type	CAT5E，CAT6 cable
USB standard	Support USB 2.0 protocol
Interface	USB A type
Power	Sender：by PC USB Receiver：DC9V/2A
Driver	No need driver
Sender power consumption	<2W
Receiver power consumption	<5W
Length×Width×High	Sender：102.5×75×29(mm) Receiver：102.5×75×29(mm)
Net weight	0.86kg

Packaging:
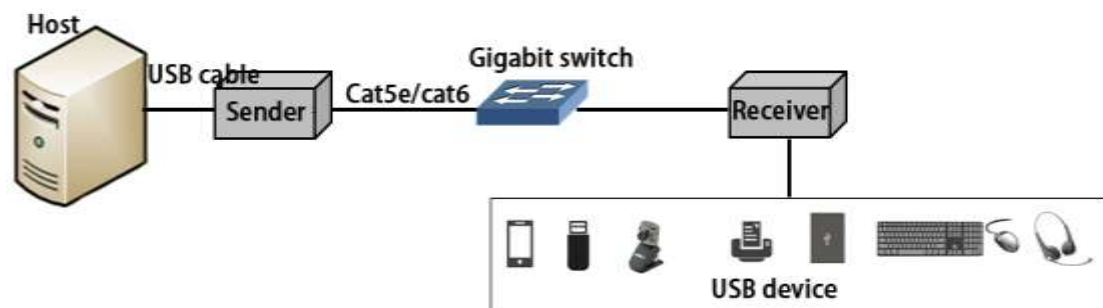
When you open the packing, you will find:

1. Sender   1pcs
2. Receiver   1pcs
3. DC5V 1A power adaptor 1pcs
4. USB data cable 1pcs
5. User manual
6. Quality warranty card   1pcs

Installation

Direct connection diagram

Access to Switch connection diagram

Installation steps:

1. Connect one head of USB cable to USB port of Sender, and the other to USB port of Receiver

2.Make LAN cable, the LAN cable sequence must be:

Orange-white(1),Orange(2),green-white(3),blue(4),blue-white(5)green(6),brown-white(7),brown(8). It is T568B standard.

3. Lan cable both connect to RJ45 interface of sender and receiver.

4. Connect the USB devices (such as USB keyboard, USB printer, USB camera) to USB ports on Receiver.,If USB devices need external power,Please connect the external power supply

5. The receiver current drawn must be DC9V.

Indicator light:

Device	Indicator	Color	Status	Meaning
Sender	POWER	Red	lights ON	Connect USB cable,Host USB port can supply power to sender
	Interface lights	Orange	lights ON	Sender and receiver connection is normal
		Green	flashing	Sender and receiver connection is normal
receiver	POWER	Red	lights ON	Connect external power supply is normal
	Interface lights	Orange	lights ON	Sender and receiver connection is normal
		Green	flashing	Sender and receiver connection is normal

Notice:

1. The network cable is configured by the user and needs to be by an offical manufacturer. The products conform to the specifications and the pressure lines at both ends of the cable are used in the T568B standard.

2. When using a USB device over long distance, ensure the operating system has installed the device driver.

Trouble shooting

NO.	Problem description	Possible reason
1	Local Green LED is not lighting on	Sender and Host has no connection by USB
2	Remote Green LED is not lightning on	Receiver has not connection external power supply
3	Some of remote USB devices does not work or failure	1.LAN cable is not well connected 2. Re-connect the USB cable between computer and sender to restart the USB interface

Warranty and after-sales service

Thank you for using our products, now you have the right of the product lifetime warranty

1. Our Commitment

● Belong to the product quality problem, provide free repair within one year.

● Provide lifetime maintenance service，but if users to tear down by themselves, is beyond the scope of this warranty

● Improper use or man-made damage & broken do not belong to free warranty

2. Attention

● When the machine appear quality problem, please contact the distributors solve the maintenance issues

● If you can't immediately contact to the distributor, please directly contact us, we will help to solve as soon as possible.

● Please provide properly filled warranty card and purchase prove for repair.