HDMI TCP/IP Extender 200M

USER MANUAL

Introduction

200M HDMI IP Extender is based on TCP/IP standard. It transmits your HD display with the high resolution up to 200 meters away from your DVD or computer source by using one CAT5e/6 cable. At the same time, it' s convenient to transmit HDMI audio and video source by point-to-point mode, point-to-multipoint, multipoint-to -multipoint mode and cascade connection mode .

Features

* Support HDCP1.4
* Decoding Mode MJPEG
* Support point-to-point mode, one point-to-multi point mode and cascade connection mode.
* 802.3 Ethernet standard.
* Selectable USB mouse and keyboard extension.
* The design of pure hardware, plug and play, no need for additional software.

Specifications

Resolutions 480p,720p,1080p
Audio ..... Sample rate:32kHz,44.1kHz and 48kHz code I
adapter DC:5V/1A
The Max Power consumption ..... HDMI sender:3W HDMI receiver:3W Size(L-W-H) 98*78*28mm
Weight ..... 200g x 2
Operating Temperature/Humidity ..... 0℃-45℃/10%-80%RH(no condensation)
Storage Temperature/Humidity .....-10℃-70℃/5%-90%RH(no condensation)

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The Package contents

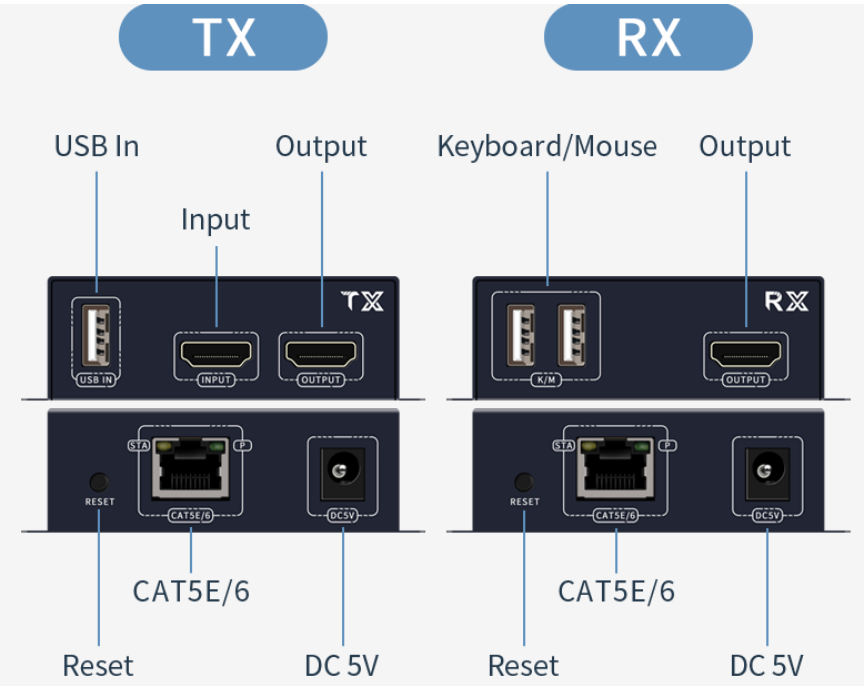
Transmitter 1PC

Receiver 1PC

5V Power adapter 2PCS

User’ s Manual 1PC

Physical interface diagram



Note: USB function is optional, if you need this function, select the appropriate model.

Connection and operation

1.Connect the HDMI source (such as DVD, PS3, STB) to the “HDMI IN” of transmitter by HDMI cable.

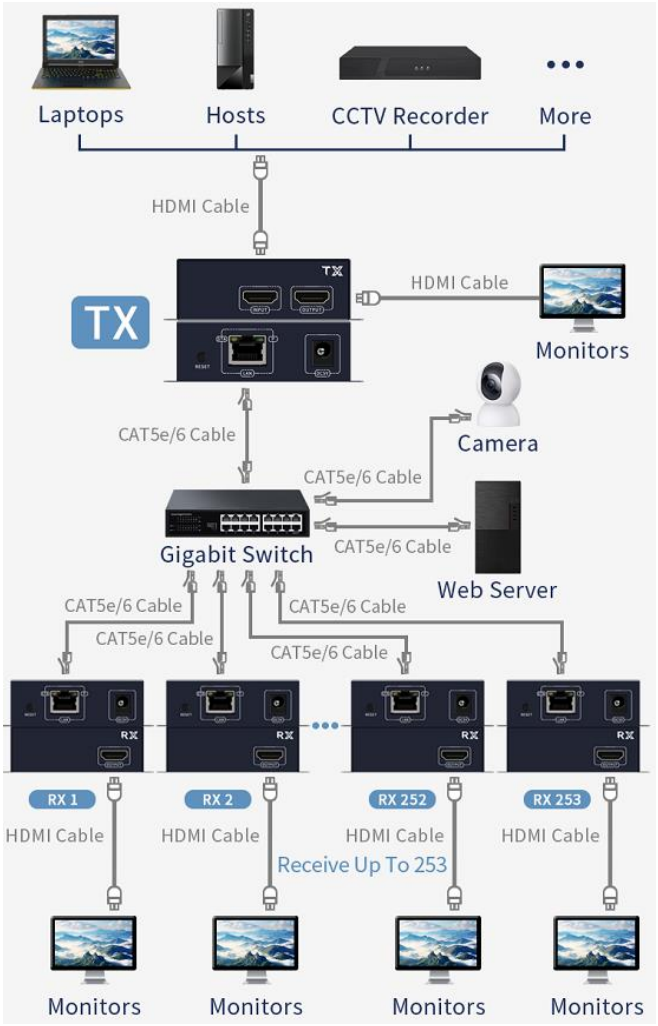
2. Connect the “HDMI out” of Receiver to HDTV display by HDMI cable.

3.Connect the Transmitter and Receiver with one cat5e/6 cable (recommend).the furthest distance is 200M.

4. Connect the 5V Power supply to the device and power on the video transmission device. When RX and TX are connected through the network cable, one indicator blinks. When a signal is connected, one indicator on the network port lights up.

Application diagrams

This device supports network cable direct connection or access to the switch one-to-one/one-to-many/many-to-many and other methods of use, the following figure to a send and receive as an example:



1: Only HDMI style support a send more than one receive method of use, HDMI + USB style a send more than one receive when only access to the first receiver support USB keyboard and mouse.

2: One to one and multiple send multiple receive method two ways HDMI style and HDMI + USB style are supported. When sending multiple receivers, the number of transmitters and receivers should be the same, and you need to change the IP of transmitters and receivers, the specific change method is attached.

3: When accessing the network, the occupied bandwidth data depends on the number of transmitters in the same network, each transmitter occupies 60-80M bandwidth.

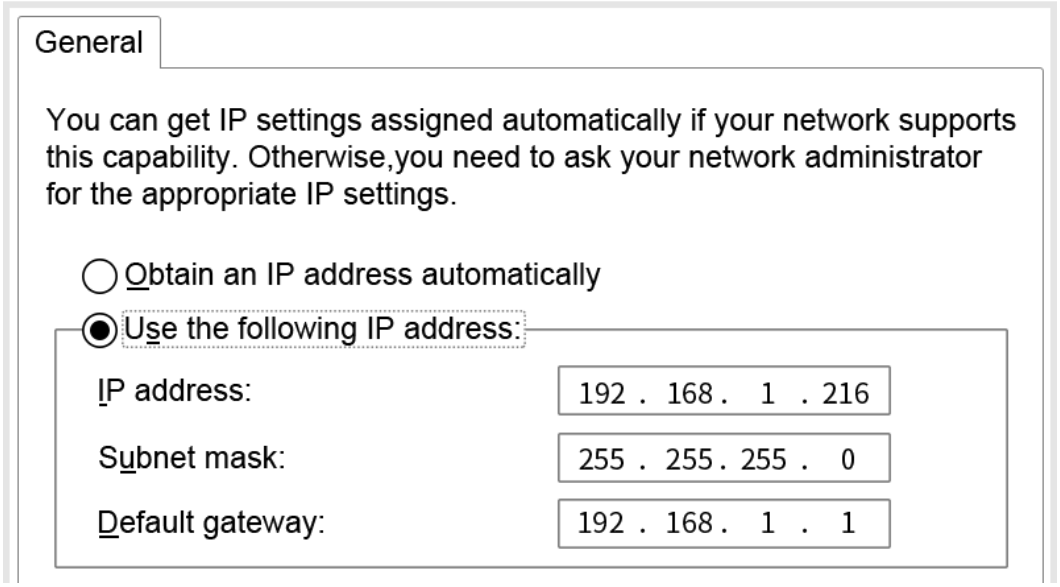
IP settings

Factory default IP extender TX: 192.168.1.100: 9999, RX for the random IP, such as the need to view the RX IP, you can first connect the TX and RX to automatically generate the first IP, and then unplug the TX, RX end of the connectivity screen that will display the generated IP.

In the process of using, one-to-one and one-to-many scenarios do not need to change the IP of TX and RX, but only when many-to-many, the configuration method is as follows:

1. Use a network cable to connect the RX or TX of the extender to the PC.
2. Set the IP address of the computer:

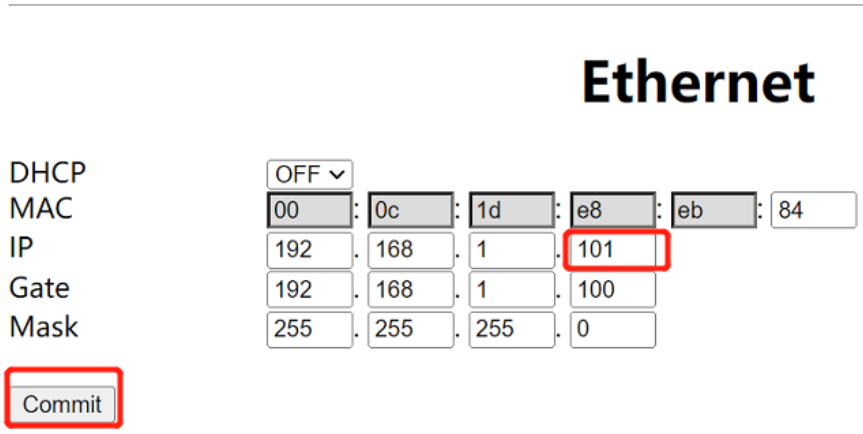
Internet Protocol Version 4(TCP/IPv4)



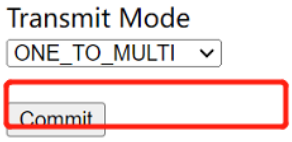
3, Open your computer's web browser, TX login using the address 192.168.1.100:9999: RX's IP address is entered as actual.

Note: The colon input method is English input method.

The following figure: In the web page Ethernet column set TX and RX IP, RX IP last bit needs to meet the relationship between TX IP + 8, such as TX set to 192.168.1.101, 192.168.1.102, RX needs to be set to 192.168.1.109, 192.168.1.110, and then click on Commit. and then click Commit.



4，In the Transmit Mode field of the web page, select Transmit Mode as “ MULTI_TO_MULTI”，and then click "Commit".



5，Reboot the machine and check the IP through the monitor to confirm that the settings were successful, and reconfigure if they failed.