



USER MANUAL

4K 200M KVM IP Extender

Enjoy the vivid world

Introduction:

HDMI 200M Extender over IP 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, multipoint-to-multipoint and cascade connection mode .



Features

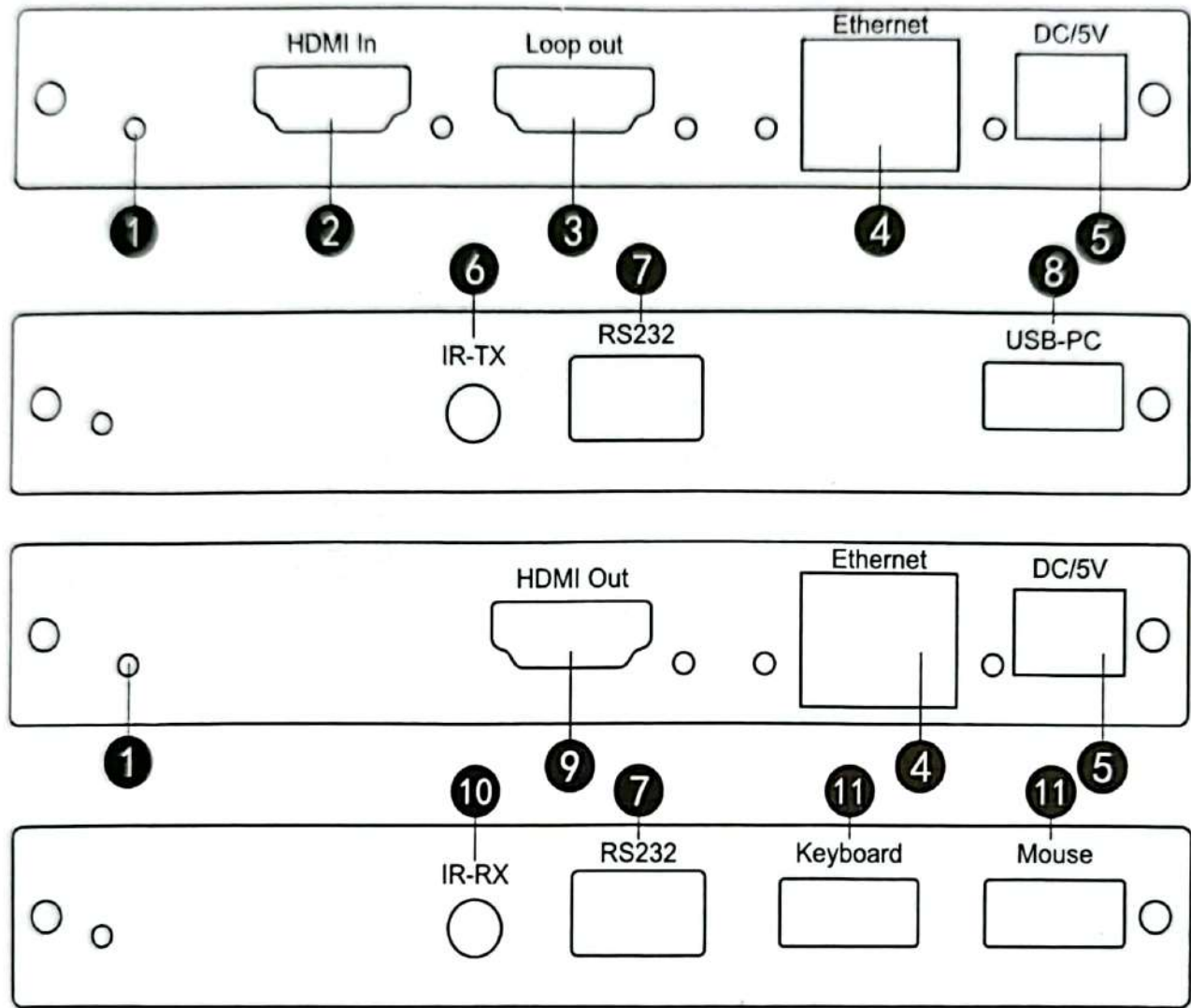
- * Support point-to-point mode, multipoint-to-multipoint mode ;
and cascade connection mode ;
- * Support RS232;
- * 802.3 Ethernet standard ;
- * Support IR remote control ;
- * Support USB mouse and keyboard extension ;
- * The design of pure hardware, plug and play, no need for additional software.

Specifications

Resolutions	480p,720p,1080p,4K/30Hz
Audio	Sample rate:32kHz,44.1kHz and 48kHz code
IR remote control	38 KHz (NEC)
Power adapter format	Input AC (50HZ, 60HZ) 100V-240V; output: DC5V/1A
The max working current	TX 650mA, RX 450mA
Size(L-W-H)	122*84*19mm
Weight	180g x 2

Operating Temperature/Humidity 0℃-45℃/10%-80%RH(no condensation)
 Storage Temperature/Humidity -10℃-70℃/5%-90%RH(no condensation)

Physical interface diagram

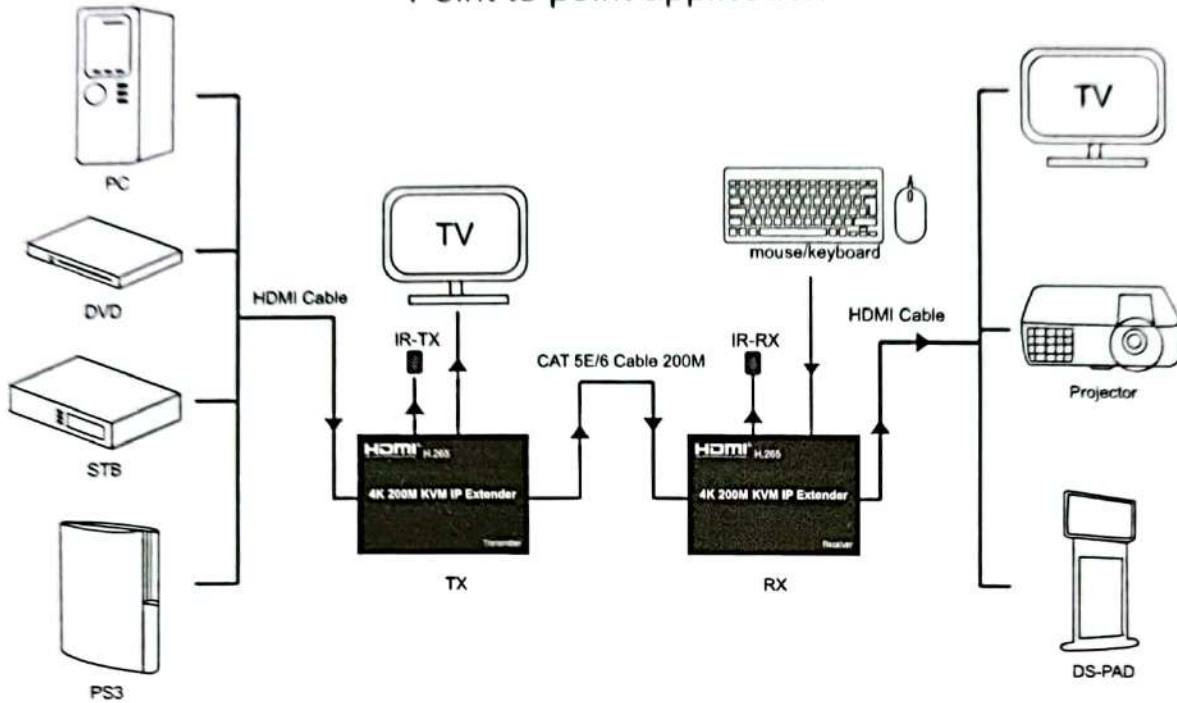


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|---------------------------------------|---|
| 1: Reset key hole | 7: RS232 --- RS232 port |
| 2: HDMI In --- HDMI Input port | 8: USB-PC --- USB port, Connect to PC |
| 3: Loop out --- HDMI Loop Output port | 9: HDMI Out --- HDMI Output port |
| 4: Ethernet --- Network port | 10: IR-RX --- IR extension port |
| 5: DC/5V --- Power port | 11: Keyboard/Mouse --- mouse/keyboard input |
| 6: IR-TX --- IR extension port | |

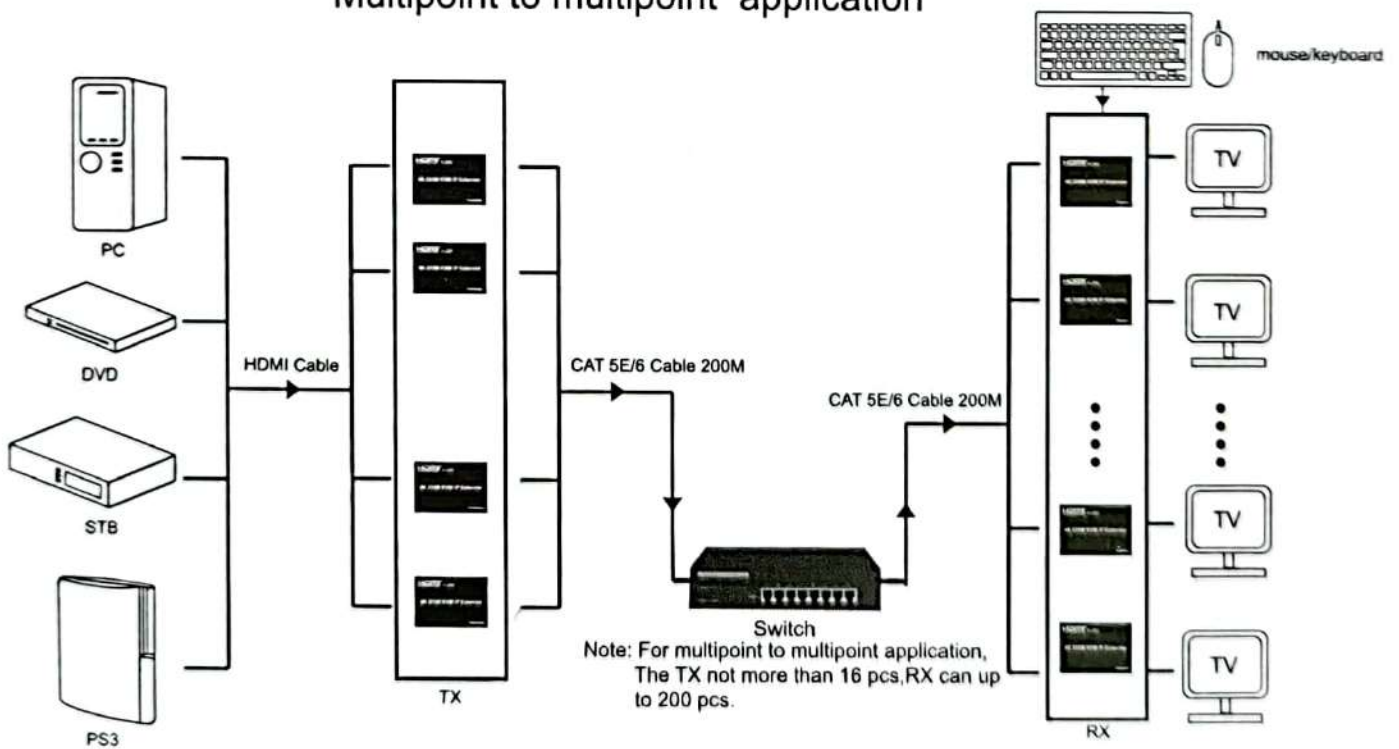
Note: When forget the IP address, you can use the needle to insert the hole of reset key, keep to press for 3 seconds to restore original setting IP.

Application diagrams

Point to point application



Multipoint to multipoint application



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 "IR receiver "into "IR-RX" port on receiver, and "IR transmitter " into the "IR-TX" on transmitter, and make sure the IR transmitter aim at IR port of the source.
- 5: Plug the mouse and keyboard into the USB port of the receiver, and connect the USB port of the transmitter with the computer if you need the KVM control function.
- 6: Connect two pieces of 5V power supply to the transmitter and receiver, at this time, the power light of the extender is on; and when the status light is on and flashing, the device starts normally.
- 7: Multipoint to multipoint match setting: when many TX and many RX connect to the switch, the IP extender can be paired and connected according to the settings of the Web browser.

Application diagrams

HDMI 200M extender over IP is used in audio-visual conference, command and control center, ticketing platform, home theater, multi-media teaching, conference system and so on.



audio-visual conference



command and control center



home theater

The Package contents :

1. Transmitter	1PC	4. IR cable	1Pair
2. Receiver	1PC	5. User's Manual	1PC
3. 5V Power adapter	2PCS	6. USB cable male to male	1PC