

USER MANUAL

HDMI 200M IP EXTENDER

Enjoy the vivid world

Introduction

200m HDMI Matrix Extender over IP is a device based on the standard TCP/IP protocol for transmitting HD audio and video source over LAN . It transmits your HD display with the high resolutions up to 200 meters away from your HDMI or DVI-D source by using one CAT5e/6 cable. At the same time, it's also convenient to transmit HDMI audio and video source by point-to-point, multipoint-to-multipoint and cascade connection mode.



Features

- * Support HDMI 1.3/HDCP1.1 & 1.2
- * Support point-to-point mode, multi point-to-multi point mode and cascade connection mode.
- * 802.3 Ethernet standard.
- * Support IR remote control.
- * The design of pure hardware, plug and play, no need for additional software.

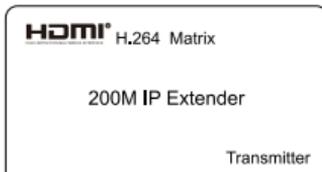
Specifications

HDMI version.....	HDMI 1.3
HDTV resolutions.....	480p,720p,1080p
Audio.....	Stereo:32kHz,44.1kHz and 48kHz
IR remote control.....	38 KHz;NEC
Power adapter.....	DC:5V/1A

The max power consumption.....HDMI sender:3W HDMI receiver:3W
 Size(L-W-H).....163*87*24mm
 Weight.....474g x 2
 Operating temperature/humidity0 C-45 C/10%-80%RH(no condensation)
 Storage temperature/humidity-10 C-70 C/5%-90%RH(no condensation)

Physical interface diagram

HDMI Transmitter



Port	Description
DC/5V	5V power supply to the transmitter
HDMI - IN	HDMI input ,connect HDMI signal source
HDMI - OUT	HDMI output, connect HDMI display device
IR-TX	Connect IR transmitter
Ethernet	Network interface by cat5e/6

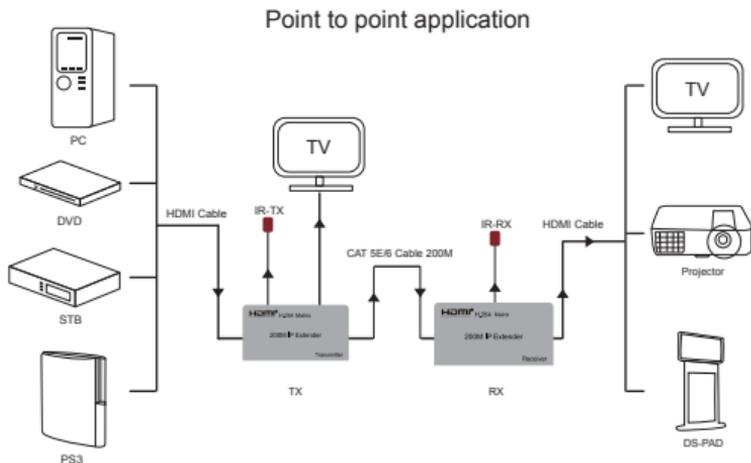
HDMI Receiver:



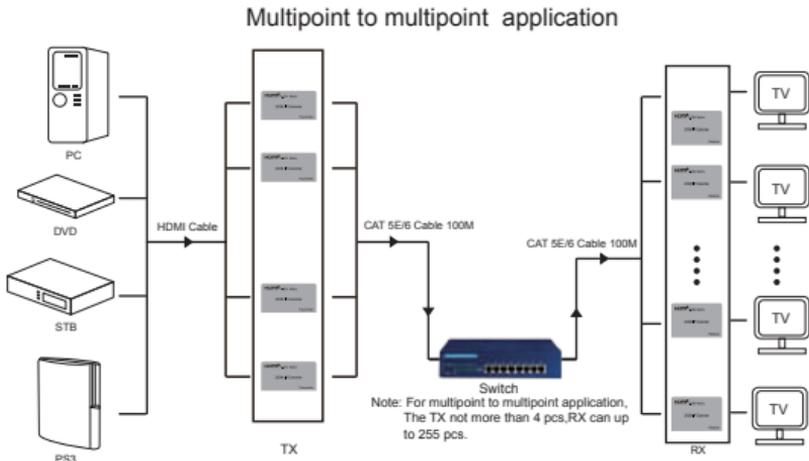
Port	Description
DC/5V	5V power supply to the receiver
HDMI -OUT	HDMI output, connect HDMI signal device
IR-RX	Connect IR receiver
Ethernet	Network interface by cat5e/6

Application diagrams

Application 1:



Application 2:



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



School



Hotel



Community monitoring

Connection and operation

- 1) Connect the HDMI source to the HDMI Transmitter with HDMI cable
- 2) Connect the HDMI receiver to the HDTV display with HDMI cable.
- 3) Use one Cat5e/6 cable up to 200m to connect the Sender and Receiver.
- 4) Connect the "IR receiver" into "IR-TX" port on transmitter, and "IR transmitter" into the "IR-RX" on receiver, and make sure the IR transmitter aim at IR receiver of the controlled device if you need the IR control function.
- 5) Connect two pieces of 5V power supply to the transmitter and receiver, power supply to the equipment and the LED indicator light on. When status lamp on and flicker, equipment starts normal.
- 6) Multipoint to multipoint match setting: when many TX and many RX connect to the switch, the extender can be matched after set up on the Web browser.

The Package contents :

- | | |
|------------------------|-------|
| 1. Transmitter | 1PCS |
| 2. Receiver | 1PCS |
| 2. 5V/1A Power adapter | 2PCS |
| 3. IR cable | 1Pair |
| 4. User's Manual | 1PCS |