HDMI ®

HIGH-DEFINITION MULTIMEDIA INTERFACE

USER MANUAL

150M HDMI KVM Extender

Enjoy the vivid world

Introduction:

The Extender uses single cat5e or cat6(recommended) cables instead of HDMI cable to transmit high definition signal up to 150 meters, cutting down the cost. The Extender is designed to supply for long distance transmission of high definition signal.
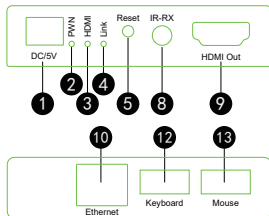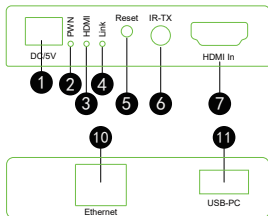

Features:

* Support 150m long distance transmission;
* Support point-to-point mode and cascade connection mode;
* Low power consumption, low temperature and high safety；
* 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
Support video color format …………………………………….... 8bit YCbYCr/RGB
Support audio format .... LPCM
Max bandwidth ……………………………………………………………….. 148.5MHz
Max baud rate …………………………………………………………………….. 1Gbps
Input HDMI cable distance …………….................. ≤10m AWG26 HDMI standard cable
Output HDMI cable distance .... ≤15m AWG26 HDMI standard cable
Power adapter format ....: Input AC (50HZ, 60HZ) 100V-240V; output: DC5V/1A
The max working current …………………………………/.............................. 400mA
Size(L-W-H) 90*91*19mm
Weight .... 121g 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:
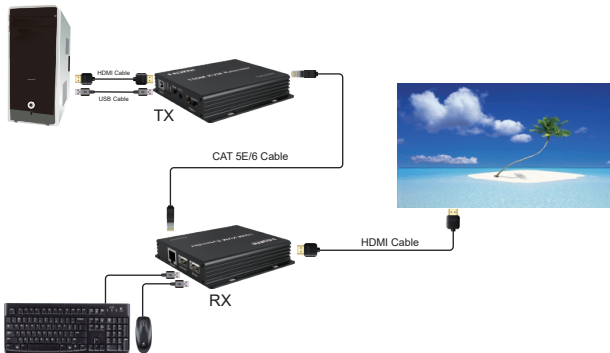

1: DC/5V --- Power adapter port;
2: PWN --- Power indicator;
3: HDMI --- Signal indicator;
4: Link --- Network connection indicator；
5: Reset --- restart key;
6: IR-TX --- Connect IR transmitter;
7: HDMI In --- connect HDMI signal source;

8: IR-RX --- Connect IR receiver;
9: HDMI Out --- HDMI output,
      connect HDMI display device；
10: Ethernet --- Network interface by cat5e/6;
11: USB-PC --- USB output, connect computer;
12: Keyboard --- USB input,keyboard input;
13: Mouse --- USB input,mouse input;

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：Use one Cat6/6e (recommend) cable up to 150meters to connect the Sender
    and Receiver.
4：Connect the "IR receiver cable"into "IR-RX" port on receiver, and "IR transmitter
    cable " into the "IR-TX" on transmitter.
5：If need KVM function, connect the mouse and keyboard to 'Mouse' and 'Keyboard'ports.
6：Connect two pieces of 5V power supply to the transmitter and receiver, and power on
    The units.   Now the PWN indicator of the units is lightened, HDMI indicator light up,
    link indicator twinkling, means the units start successfully.

Application diagrams:

TX

HDMI Cable

USB Cable

CAT 5E/6 Cable

HDMI Cable

RX

Application diagrams:

audio-visual conference

command and control center

home theater

The Package contents:

1. Transmitter   1PC
2. Receiver   1PC
3. 5V Power adapter   2PCS

5. IR cable   1Pair
6. USB cable male to male   1PC
7. User's Manual   1PC