HDMI®

HIGH-DEFINITION MULTIMEDIA INTERFACE

USER MANUAL

150M HDMI Extender (POC)

Enjoy the vivid world

Introduction:

The Extender uses single cat6 or 6E(recommended) cable 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.
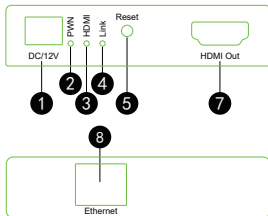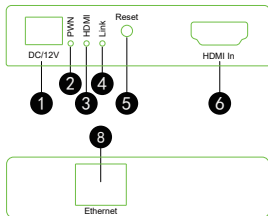
Features:

* Support 150m long distance transmission;
* Support point-to-point mode and cascade connection mode;
* Low power consumption, low temperature and high safety;
* The design of pure hardware, plug and play, no need for additional software;
* Support unilateral power supply.

Specifications:

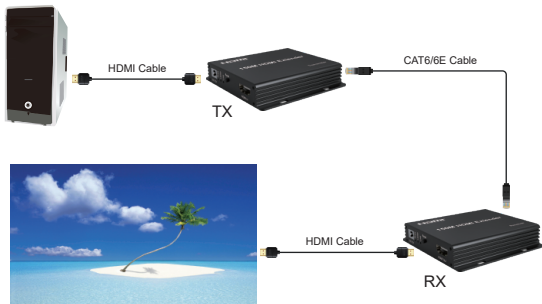|	
Resolution	576P/720P/1080P
Support video color format	8bit YCbYCr/RGB
Support audio format	DTS/Dolby/LPCM
Max bandwidth	148.5MHz
Max baud rate	1Gbps
Input HDMI cable distance	≤10m AWG26 HDMI standard cable
Output HDMI cable distance	≤15m AWG26 HDMI standard cable
Power adapter format	Input AC (50HZ, 60HZ) 100V-240V; output: DC12V/1A
The max working current	450mA
Size(L-W-H)	90*91*19mm
Weight	120g 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/12V --- Power adapter port;
2: PWN --- Power indicator;
3: HDMI --- Signal indicator;
4: Link --- Network connection indicator;
5: Reset --- Restart key;
6: HDMI In --- Connect HDMI signal source;
7: HDMI Out --- HDMI output, connect HDMI display device;
8: Ethernet --- Network interface by cat5e/6;

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 Transmitter and Receiver.
4: Connect 12V power supply to the TX or RX, now the PWN indicator of the units is lightened, HDMI indicator light up,link indicator twinkling, means the units start successfully.

Application diagrams:

HDMI Cable

TX

CAT6/6E Cable

HDMI Cable

RX

Application diagrams:

Audio-visual conference

Command and control center

Home theater

The Package contents:

1. Transmitter   1PC   3. 12V Power adapter   1PC
2. Receiver   1PC   4. User's Manual   1PC