EXP-HDMI-1000 Extender 60M

Introduction

The Extender uses single cat5e or cat6 (recommended) cables instead of HDMI cable to transmit high definition signal up to 60 r meters, gutting down the cost. The Extender is designed to supply for long distance transmission of high definition signal.
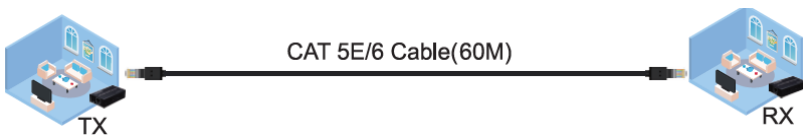
TX Extender   RX Extender

Features

1: Support HDMI 1.4b,DV11.0,HDCP1.4

2: 60M long distance transmission:

3: Low power consumption low temperature and high safety.
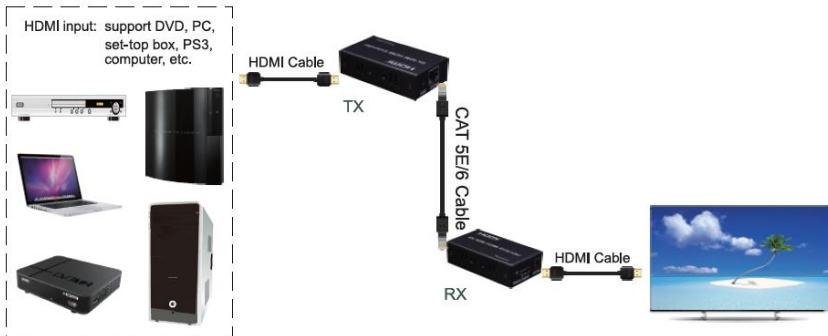
4: Support HDMI out Downscaling

Specifications

Length of CAT5e/CAT6 cable between RX and TX	Up to 60 meters
HDMI input	4k/1080p/1080ir720p/576p/576i/480p/480i
HDMI Output	4k/1080p/1080ir720p/576p/576i/480p/480i
Max bandwidth	340MHz
Max baud rate	3x34Gbps
Input video signal	0.5-1.5Volis P-P
Output DDC signal	5Volts P-P (TTL)
input HDMI cable distance	≤10m AWG26 HDMI standard cable
Output HDMI cable distance	≤10m AWG26 HDMI standard cable
TX Max working current	350mA
RX Max working current	200mA
Power adapter format	Input: AC (50HZ, 60HZ) 100V-240V: Output: DC5V/1A
Operating Temperature range	(-15 to +55°C)
Operating Humidity range	5 to 90%RH(No Condensation)
Dimension (LxWxH)	81x47x22 (mm)
TX Weight	102g
RX Weight	103g

Connecting and Operating

1. Connect one HDMI cable between source device and TX Extender, the max cable distance is 10 meters

2. Connect one HDMI cable between display device and RX Extender, the max cable distance is 10 meters

3. Connect single Cat-5e O cat-6(recommended) cables instead s of HDMI cables beefed TX and RX Extender, the max cable distance is 60 meters

4. Connect 5V power supply to the TX and RX.

5. LED indicator light TX LED indicator light: When there is no signal input, it turns blue when there is signal input, it turns red, and keep flashing. RX LED indicator light: When there is no signal input, it turns blue; when there is signal input, it turns red, and keep flashing.

6. EDID button: The button can support the switch Or EDID between 1080p and 4K. (4K is the default EDID when the power is on).

Connection diagram:

Application diagrams

HDMI extender 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

Physical interface diagram

Port	Function description
EDID	4K and 1080P switch button
CAT5e/6	Cat5e / 6 cable connection port
Status	turn on the power, it turns blue when there is signal input, it turns red, and keep flashing
Input	HDMI Input port
DC/5V	5V DC Power input port

Port	Function description
CAT5e/6	Cat5e / 6 cable connection port
Status	turn on the power, it turns blue when there is signal input, it turns red, and keep flashing
Input	HDMI output port
DC/5V	5V DC Power input port

The Package includes:

1. TX Extender   1PCS
2. RX Extender   1PCS
3. 3. 5V/1A DC Power adapter   2PCS