HDMI EXTENDER

User Manual

HDMI Extender Over Single CAT5e/6（60M）

(3D Full HD 1080P)

Bring High-Definition to your life!

Thank you for purchasing our product. To ensure safety and many years' trouble-free operation of the product, please read the manual carefully before using this product.

1.0 INTRODUCTION

The HDMI to RJ45 Extender use single cat-5e or cat-6(recommended) cables up to 60 meters instead of HDMI cable to transmit high definition signal, for cutting down cost. Long distance transmission of high definition is very difficult because HDMI cable is very expensive and infrequent. The Extender is designed to supply for long distance transmission of high definition signal.

2.0 FEATURES

1. Signal transmission :CAT5e or CAT6(recommended) cables up to 60 meters instead of HDMI cables are connected between TX and RX Extender.
2. Support HDMI1.3,HDCP 1.2 protocol compliant.
3) Support video input : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i.
4) Support video output : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i.
5) Support CEC.
6) Audio format support :
   DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD.
7) No loss of quality.
8) Installs in minutes.
9) Need DC5V/1A power supply.

3.0 PACKAGING ACCESSORIES:

When first unpacking your extender please check to see if the following items are included:
1. HDMI Transmitter----------------------1 PCS
2. HDMI Receiver------------------------1 PCS
3. Power supply-------------------------2 PCS
4. User manual--------------------------1 PCS

4.0 SPECIFICATION

Length of CAT-6 cable between Transmitter and Receiver	Up to 60 meters
HDMI Input	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio format input	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
HDMI Output	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio format output	LPCM7.1/DTS/Dolby-AC3/DSD
Max bandwidth	165MHz
Max baud rate	4.95Gbps
Input Video signal	0.5~1.5Volts p-p
Output DDC signal	5Volts p-p (TT1L)
Input/Output HDMI cable distance	≤20m AWG26 HDMI standard cable

Max working current---800mA

Power adapter format ----------------------------------Input:AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A

Operating Temperature range-- (-15 to +55℃)

Operating Humidity range---5 to 90%RH (No Condensation)

5.0 PANEL DESCRIPTIONS

Please study the panel drawings below and become familiar with the signal input(S),output(S)and power requirements.
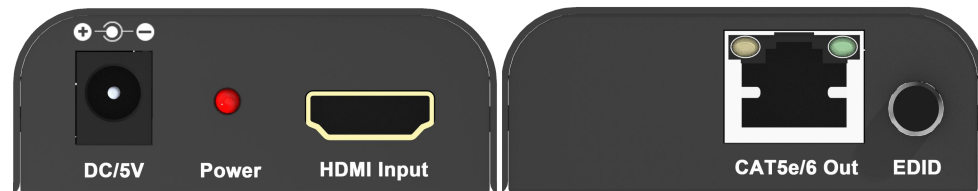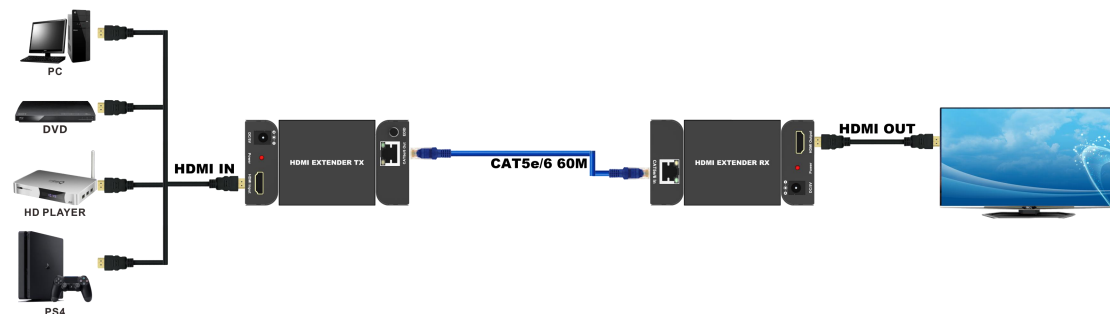

DC/5V---Power Input
Power--Power Indicator
HDMI Input -------------------------------HDMI Input port
CAT5e/6 Out ------------------------------CAT5e/6 output
EDID ----------------------------------EDID copy button
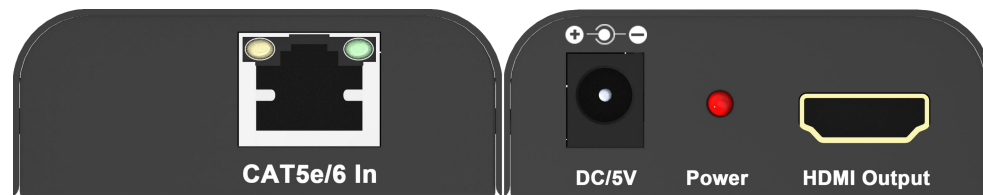
CAT5e/6 In ----------------------------------CAT5e/6 Input
DC/5V---Power Input
Power--Power Indicator
HDMI Output --------------------------HDMI output port

6.0 CONNECT AND OPERATE

Before installation, please make sure all devices you wish to connect have been turned off.

6.01.Connect HDMI signal source to the transmitter of HDMI extender.

6.02.Use LAN cable(Recommend:CAT5e/6) to connect transmitter and receiver of HDMI Extender.

6.03.Connect the display equipment with HDMI connector to the receiver of

    HDMI extender.

6.04.Power on all connected devices, Choose the input of the display device to its HDMI channel.

The method of EDID copy of display terminal:

Connect the HDMI input port of the HDMI extender transmitter to the TV with the power adapter, and press the EDID button on the transmitter for 1-3 seconds to complete the EDID copy.

7.0 INSTALLATION AND PRECAUTIONS

To avoid electric shock , product damage and to protect your safety , please notice the following:

1. Please slowly plug or unplug signal cables and do not often plug , unplug , or shake them.
2. 2.The equipment should not be placed under the sun , rain and damp or unventilated environment.
3. Liquid items should not be placed on the equipment.
4. Do not install the equipment near heat sources such as fire , power , or other amplifiers that produce heat.
5. Do not insert the metal or other objects to the equipment in addition to connecting cables to ports.
6. Do not demolish the equipment by yourself ; it should be maintained by professional maintenance staff.