HDMI EXTENDER

User Manual

HDMI Extender over Single cat5e/6 with IR（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.

The pictures and technical parameter involved are only for your reference, As for specific circumstances, please be subject to the actual 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) HDCP 1.2 protocol compliant;
2) Signal transmission :cat5e or cat-6(recommended) cables up to 60 meters instead of HDMI cables are connected between TX and RX Extender;
3) Support the one-way IR to control signal source at the display terminal; Support 20~60KHz IR working;
4) Support video input : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i;
5) Support video output : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i;
6) Support CEC;
7) Audio format support : DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD;
8) No loss of quality;
9) installs in minutes;
10) 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)IR Transmitter---------------------1 PCS
(4)IR Receiver------------------------1 PCS
(5)Power supply-----------------------2 PCS
(6)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℃)

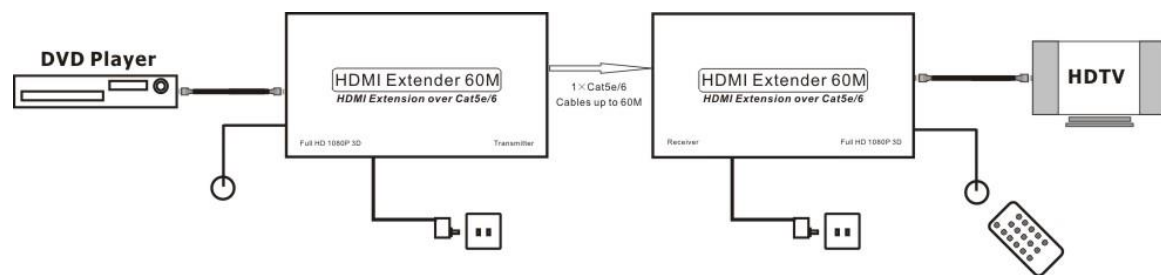Operating Humidity range--5 to 90%RH (No Condensation)

5.0 PANEL DESCRIPTIONS

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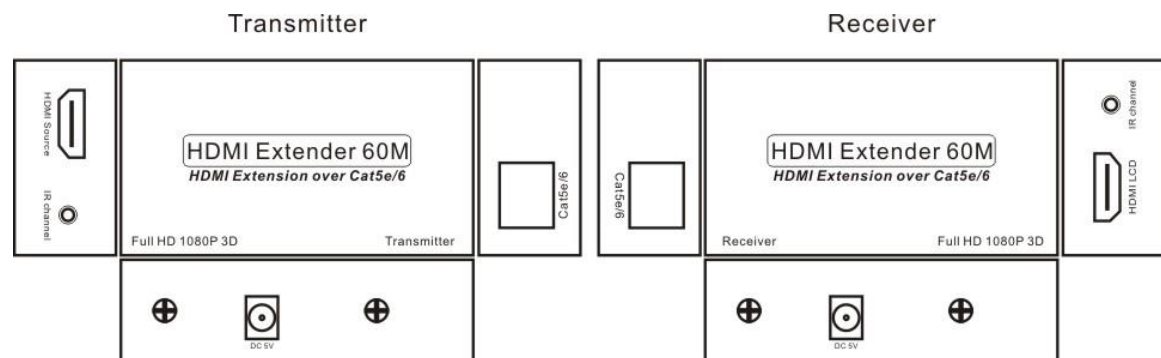
6.0 CONNECT AND OPERATE

(6.1 HDMI Extender Series Application)

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.