U S E R   M A N U A L

60m HDMI Extender over single cat 5E/6

(Support 3D, 1080P)

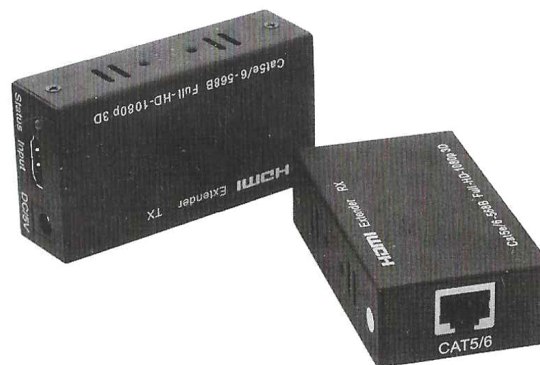## Enjoy the vivid world!

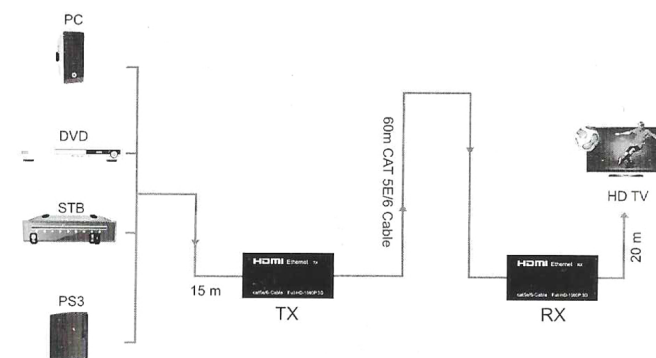
INTRODUCTION

Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

The Extender uses single cat-5E or cat-6(recommended) cables instead of HDMI cable to transmit high definition signal up to 60 meters, cutting down the cost. The Extender is designed to supply for long distance transmission of high definition signal. Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

Product Picture:

Physical Connection Showing Picture：

Features:

- Support HDMI 1.4a
- Support 3D
- Support highest video resolution 1080p/60Hz
- Support 1.65Gbps data rate and tmds clock up to 165MHz
- Support 8/10/12 bit deep color
- Support AWG26 HDMI standard cable, input up to 15 metres, output up to 20 metres
- Signal transmission: By using single cat-5e or cat-6(recommended) cable instead of HDMI cable, it can extend the distance up to 60 meters between TX and RX.
- No loss of quality
- Install in minutes
- Need DC5V/1A power supply

Operating and Connecting:

1. Connect one HDMI cable between source device and TX Extender, the max cable distance is 15 meters
2. Connect one HDMI cable between display device and RX Extender, the max cable distance is 20 meters
3. Connect single cat-5e or cat-6(recommended) cables instead of HDMI cables between 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.
   RX LED indicator light: When there is no signal input, it turns blue; When there is signal input, it turns red.
6. EDID button: The button can support the switch of EDID between 2D and 3D.(3D is the default EDID when the power is on).

Specifications:

```
Length of CAT-6/CAT-5E cable between Rx and TX.....................Up to 60 meters
HDMI Input.............................24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio input............................DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD
HDMI Output.............................24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio output.......... ...............DTS-HD/Dolby-trueHD/DTS/Dolby-AC3/DSD
Max bandwidth.....................................................................................165MHz
Max baud rate.....................................................................................1.65Gbps
Input video signal ..................................................................... 0.5~1.5Volts p-p
Output DDC signal .......................................................... 5Volts p-p (TT1L)
Input HDMI cable distance.............................≤15m AWG26 HDMI standard cable
Output HDMI cable distance............................ ≤20m AWG26 HDMI standard cable
TX Max working current..........................................................................510mA
RX Max working current..........................................................................100mA
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)
Dimension (L x W x H)        .......................................................81x43x22 (mm)
TX Weight...............................................................................................100g
RX Weight...............................................................................................120g
```

The Package includes:

1. TX Extender : 1 pc
   RX Extender : 1 pc
2. 5V DC Power adapter x 2pcs
3. User Manual

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

Serial NO	Trouble Description	Cause and Ways to deal with
1	Non-Power-Connected	1、Check if the power adaptor head is truly and correctly inserted the power socket. 2、Check the power switch if it is in on status.
2	No Picture	1、Pls to make sure that the TV is on and has been connected with the machine. 2、To check if the signal source is on and well connected. 3、Check the system connection quality. 4、Check if the line is all good quality. 5、Check the cable quality
3	Obscure Picture	1、To try again to connect the cable to be free from the unsuccessful connection. 2、HDMI Cable Quality(HDMI Standard cable)

Notes:

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. Pls hold the power adaptor head and do not pull the power cord when cut off from the socket.
5. Pls turn the power off when the machine is not used for long time.
6. Pls do not open the cover and do not touch the inside parts.
7. Pls use the original factory power adaptor.

USER MANUAL

60m HDMI Extender over single cat 5E/6
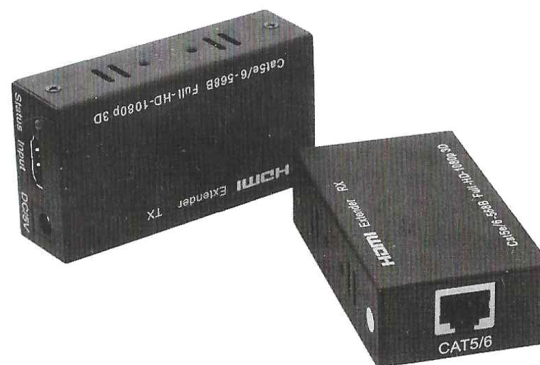
(Support 3D, 1080P)

Enjoy the vivid world!

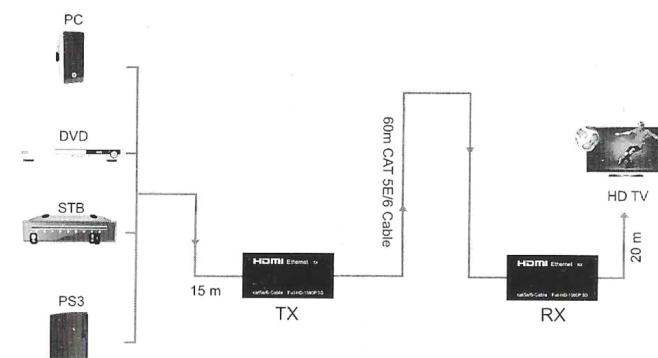## INTRODUCTION

Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

The Extender uses single cat-5E or cat-6(recommended) cables instead of HDMI cable to transmit high definition signal up to 60 meters, cutting down the cost. The Extender is designed to supply for long distance transmission of high definition signal. Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

Product Picture:

Physical Connection Showing Picture:

Features:

- Support HDMI 1.4a
- Support 3D
- Support highest video resolution 1080p/60Hz
- Support 1.65Gbps data rate and tmds clock up to 165MHz
- Support 8/10/12 bit deep color
- Support AWG26 HDMI standard cable, input up to 15 metres, output up to 20 metres
- Signal transmission: By using single cat-5e or cat-6(recommended) cable instead of HDMI cable, it can extend the distance up to 60 meters between TX and RX.
- No loss of quality
- Install in minutes
- Need DC5V/1A power supply