



U S E R M A N U A L

60M HDMI Extender over single cat 5E/6
(Support 3D ,1080P,Bi-directional IR control)



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 a Cat-5E or Cat-6(recommended) cable instead of HDMI cable to transmit high definition signal up to 60 meters, The Extender is designed to supply for long distance transmission with 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.

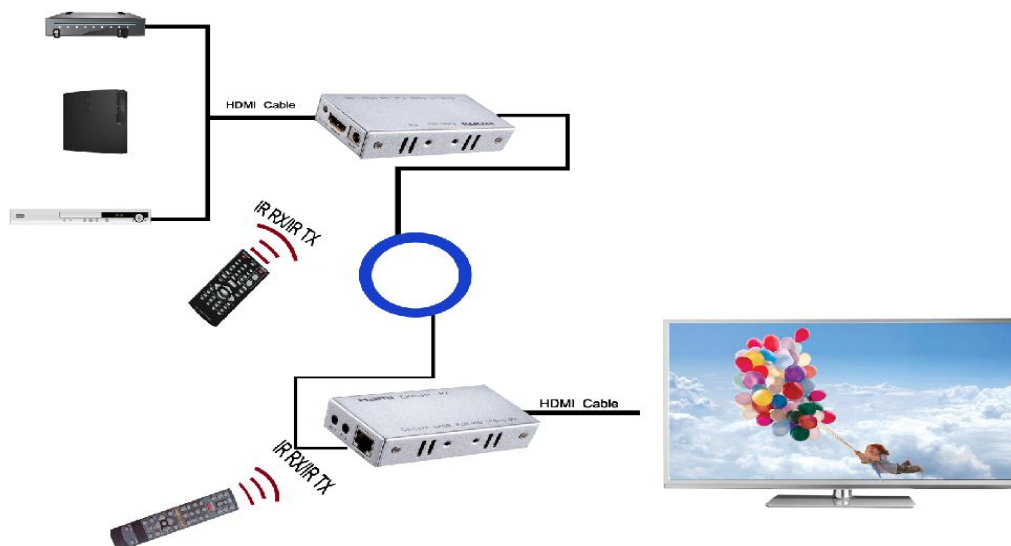
FEATURES

- Support HDMI 1.4a
- Support 3D
- Supports Bi-directional IR control
- Support highest video resolution 1080p/60Hz
- Support 1.5Gbps data rate and tmds clock up to 148.5MHz
- Support 8 bit deep color
- Support AWG26 HDMI standard cable, input up to 10 metres, output up to 15 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

Product Picture:



Physical Connection Showing Picture:



Operating and Connecting:

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 15 meters
3. Connect TX and RX Extender via single cat 5E/ 6 cable , the max distance is 60 meters
4. Pls insert the IR RX cables and IR TX cables into the ports of IR RX and IR TX on Transmitter and Receiver
5. Connect 5V power supply to the TX and RX.
6. 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.

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.....	DTS/Dolby/DSD
HDMI Output.....	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Max bandwidth.....	148.5MHz
Max baud rate.....	1.5 Gbps
Input video signal	0.5~1.5Volts p-p
Output DDC signal	5Volts p-p (TT1L)
Input HDMI cable distance.....	≤10m AWG26 HDMI standard cable
Output HDMI cable distance.....	≤15m 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°C)
 Operating Humidity range.....5 to 90%RH (No Condensation)
 Dimension (L x W x H)81x45x18 (mm)
 TX Weight.....100g
 RX Weight.....120g

The Package includes:

1. TX Extender x 1pcs
RX Extender x 1 pcs
2. DC 5V Power adapter x 2pcs
- 3, Bi-directional IR cable x 4pair
4. User Manual

Note pls :

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.

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