

# 50 Meters Wireless HDMI Extender



## User Manual



1. After the product is powered on, the blue lights of Transmitter and Receiver flash synchronously, indicating that the matching is successful, about 40 seconds, without any operation.

2.If the Transmitter and Receiver blue lights are not blinking, you can try the following rematch methods:

① Use the HDMI cable to connect the IN of Transmitter and the OUT of Receiver.

② Then power on Transmitter and Receiver until the blue lights of Transmitter and Receiver flash synchronously, that is, the matching is successful, it takes about 40 seconds.

③ After the matching is completed, connect again according to the connection diagram.

3.The product can transmit up to 50m in the open environment, and the separation wall up to 10meters.

4. When a human or an obstacle blocks the antenna, it is normal for the screen to have an instant splash screen or sound freeze.

## Introduction :

This HDMI wireless extender uses a 5.8G wireless module, which transmits high-definition audio and video signals through the H.264 compression coding standard. It can transmit up to 50 meters in an open environment. The device has excellent image processing and transmission capabilities, making signal transmission smoother and more stable. It is a cost-effective way to wireless extender HDMI signals. It is widely used in office presentations, lectures, education, conference halls, home entertainment, etc.

## Features :

- Transmission of HDMI video and audio signals through a 5.8G wireless module.
- Transmission in the open environment up to 50 meters, and the separation wall up to 10meters.
- HD video signal resolution up to 1920\*1080P@60Hz.
- Compatible with HDMI 1.3.
- Support WIFI automatic link.
- Use international standard H.264 format to compress and decompress video, effectively improve transmission efficiency and ensure smooth playback.
- HDCP 1.2 compliant – high bandwidth digital content protection technology.
- Ability to automatically identify and configure various display modes.
- Built-in automatic equalization system, the picture is smooth, clear and stable.
- Built-in ESD electrostatic protection circuit to protect system security.
- Easy to install, plug and play, no need to set.

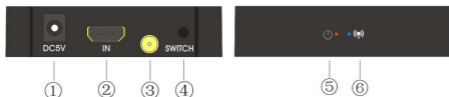
## Specifications:




Supporting agreement.....	HDMI 1.3; HDCP 1.2
Compression format.....	H.264
Pixel bandwidth.....	165MHz, all digital
Interface bandwidth.....	Total bandwidth 6.75Gbps
Maximum support resolution.....	1920X1080P@60Hz
Interface.....	HDMI-A Interface
Impedance.....	100Ω

RF power consumption.....	13dbm
Wireless standards.....	802.11ac
Signal direction.....	unidirectional
Wireless Frequency.....	5.8GHz
Dimensions (length, width and height).....	85*85*170mm
Weight.....	Transmitter:162g, Receiver:162g
Shell material.....	plastic
Operating temperature.....	-5 °C ~ +70°C
Storage temperature .....	-20~+60°C
Working humidity.....	10~90% RH (no condensation)
Storage humidity.....	5~95% RH (no condensation)
Maximum power consumption.....	6W

## Diagram of Interfaces :




### Transmitter



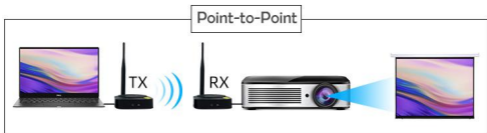
- ① DC5V.....Please connect the power adapter 5V2A
- ② IN.....HDMI Input
- ③ .....Antenna interface (must ensure the antenna is connected)
- ④ SWITCH.....No function one to one (not recommended)
- ⑤ .....Power Indicator
- ⑥ .....Signal indicator, blue light flashing means product communication is normal

## Receiver



- ① DC5V.....Please connect the power adapter 5V2A
- ② IN.....HDMI Output
- ③ .....Antenna interface (must ensure the antenna is connected)
- ④ SWITCH.....No function one to one (not recommended)
- ⑤ .....Power Indicator
- ⑥ .....Signal indicator, blue light flashing means product communication is normal

## Connection and Operation :



1. Install the Transmitter and Receiver antennas and ensure good contact
2. Connect the HDMI signal source to the transmitter of the HDMI wireless extender
3. Connect the HDMI wireless extender receiver to a display device (such as a high-definition television, projector, etc.),
4. Connect the sender and receiver to the power supply. When the indicator lights up normally, the system runs normally.

## Package Contents

- |                               |                                  |
|-------------------------------|----------------------------------|
| 1. Main Unit.....             | Transmitter-1pcs, Receiver -1pcs |
| 2. DC5V/2A Power Adapter..... | 2pcs                             |
| 3. User Manual.....           | 1pcs                             |
| 4. Antenna.....               | 2pcs                             |

**Note:** The accessory does not include an HDMI cable. If necessary, please purchase separately!

## Precautions:

Please use it properly and maintain it properly to ensure product performance and normal operation.

1. Keep away from moisture, high temperature, dusty, corrosive and oxidizing gas to avoid damage.
2. All parts should avoid strong vibration, and should not be bumped, knocked or dropped to avoid damage.
3. Do not touch the power adapter plug of this unit with wet hands.
4. When unplugging the adapter from the power outlet, hold the plug and do not pull on the power cord.
5. Turn off the power when the machine is not in use (unplug the power adapter when not in use for a long time)
6. Do not open the cover and do not touch any components inside the machine.
7. Must use the factory-provided or factory-approved power adapter

## FAQ:

Before switching on the product, please check all the cables carefully and make sure all the interfaces are connected correctly. The common problems and the relevant solutions are showed as follows.

NO	Problems	Solutions
1	No power	<ol style="list-style-type: none"><li>1. Check whether the power plug is safely connected</li><li>2. Verify that the specifications of the power supply are consistent with the parameters of the manual.</li></ol>
2	Non-Picture/ Abnormal sound	<ol style="list-style-type: none"><li>1. Make sure the TV is turned on and connected to the project.</li><li>2. Check that the signal source is turned on and connected well to the item.</li><li>3. Check the quality of the system connection.</li><li>4. If "check Transmitter" is displayed on the screen, please make sure that the Transmitter power supply is in good contact and whether it is 5V2A</li><li>5. If "check Transmitter signal" is displayed on the screen, please check if the HDMI cable of Transmitter is good, and check if the input source has signal output</li><li>6. Note that the open environment is transported up to 50 meters, and the partition wall is transmitted up to 10 meters.</li><li>7. If the human body or obstacle obstructs the antenna, it is normal for the screen to have an instant splash or card sound.</li></ol>