

**Model** : ATZ HDMI-E200W+USB  
**Description:** HDMI Wireless USB KVM Extender 200M w/IR



The HDMI wireless extender provides a simple way to extend the HDMI signal. The open environment can reach up to 200 meters/660ft.

Transmission Distance:

- 1). Outdoor open area 200m/660ft
- 2). 50m/164ft without wall penetration indoors.
- 3). 10-20m/32-65inch through a wall
- 4). The upper and lower floors are better within 10m/32FT

## Features:

1. This wireless HDMI expander consists of a transmitter unit and a receiving unit.
2. The transmitter supports loop output for easy monitoring.
3. Supports multiple resolutions, including 480P/576i to 1080P@50/60hz.
4. Support 5G dual-frequency, fast transmission speed, strong anti-interference ability.
5. The external antenna supports long-distance transmission up to 200 meters in the air expansion environment (pay attention to ambient interference).

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6. Supports infrared extension, and supports IR extension controlled by the source device on the display side.

7. Plug and play, the computer does not need to install drivers.

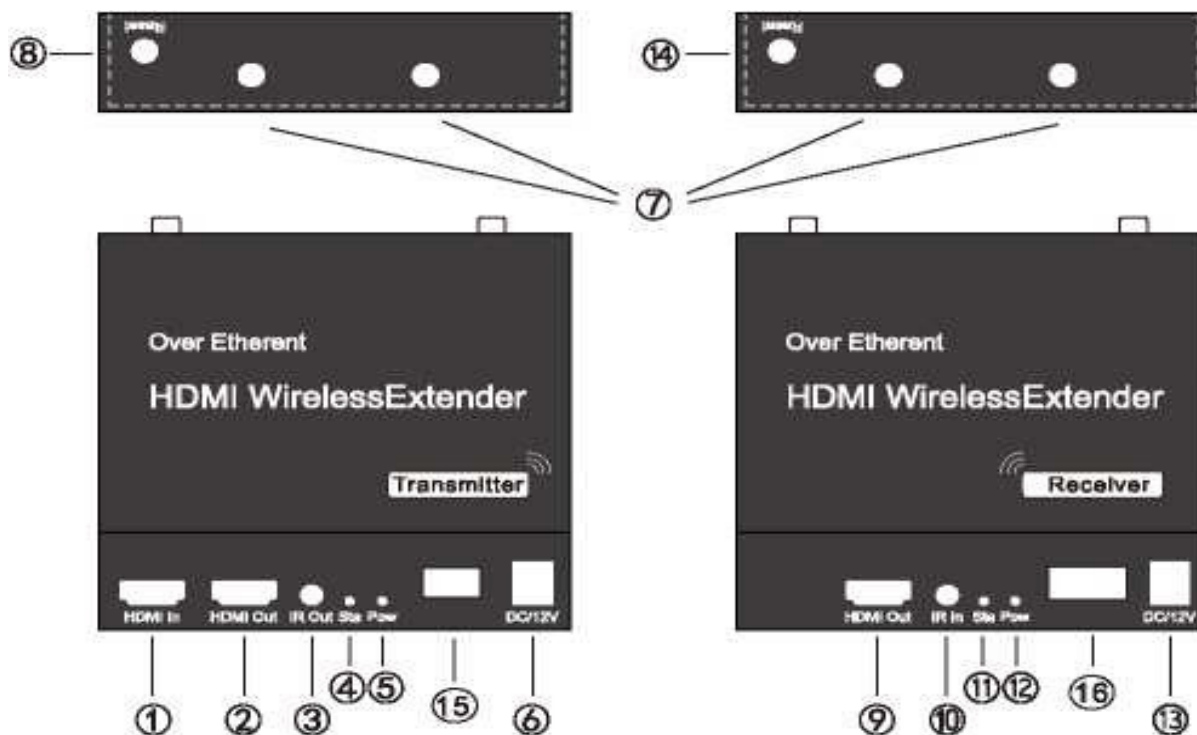
**8. Supports mouse and keyboard operations (KVM)**

## Specifications:

Parameters	Description	
Video	HDMI and HDCP versions	HDMI V1.3, HDCP V1.2
	Compressed format	H. 264
	Maximum pixel clock	165MHz
	Maximum data rate	6. 75Gbps
	Resolution	Max 1920X1080p@60Hz
	Connector	HDMI-A
	Impedance	100 Q
	Maximum HDMI input/output range is recommended	When 1920x1080p@60Hz, it's less than 3 meters
Ports	Ports	3. 5mm infrared ports
	Signal direction	unidirectional
	Signal type	Digitization
	Infrared frequency	20-60kHz
Wireless network	network wireless frequency	13dbm
	Wireless standard 802.11 AC signal	802.11 AC signal
	Direction	unidirectional
	frequency	5.8G
	Distance	200M
Others	Power supply	Adapter :DC12/1A power consumption
	Power	Transmitter 9W/ receiver maximum 9W
	Operating temperature	-5 °C-+70 °C
	Working humidity	5% -90%
	Product size	117*82*25mm

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**Interface:**



- 1. HDMI input
- 2. HDMI output
- 3. Infrared transmitter output
- 4. Power indicator
- 5. Working status indicator
- 6. Power input DC/12V
- 7. Antenna connector
- 8. Reset
- 9. HDMI output.

- 10. Infrared receiver input
- 11. Power indicator
- 12. Working status indicator light
- 13. Power input DC/12v
- 14. Reset
- 15. USB cable output
- 16. Mouse and keyboard input

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### **Transmitter**

- 1). Connect the transmitter to an HD player (e.g. DVD, set-top box, etc.) using an HDMI cable. If a local display is required, connect the local display (HDTV or projector, etc.) to the Transmitter HDMI OUT
- 2). Connect the infrared intensifier to the infrared output port of the transmitter, and connect the other endpoint to the infrared receiver of the connected HD player (please refer to the HD player user manual for infrared receiver location)
- 3). Connect the USB port to the computer through the USB port.

### **Receiver**

- 1). Connect your monitor (HDTV, projector, etc.) to the HDMI OUT port on your receiver.
- 2). Connect the infrared receiver to the infrared input port on the receiver. Fix the other end in a position visible to the infrared

### **Controller**

- 1). Connect the mouse and keyboard to the USB port.

### **Power connection**

- 2). Connect the included 12V power adapter to the DC/12V input ports on the transmitter and receiver. Plug the power adapter into an outlet in the wall.
- 3). When the device is powered on, the "Power" LED indicator will light up. The display displays Loading... The transmitter and receiver have been paired, if the display search TX "30 seconds" after, you need to pair the transmitter and receiver again.

### **Matching method:**

#### **Operate on a pair**

First, find an HDMI cable of about 2 meters and connect it to the HDMI interface of the transmitter and receiver (HDMI IN for TX and HDMI out for RX).

1. Connect the power supply at the transmitting end and the receiving end. The red light will turn to green when it is just plugged in, and wait about 5-10 seconds

When both the transmitting end and the receiving end are in the green state, press the button at the receiving end first, then press the button at the transmitting end, wait 5-10 seconds, the green light at the transmitting end and the receiving end will continuously blink, indicating that the pairing is successful.

#### **One-to-many receiver pairing**

2. Select a receiver that has been paired with a Transmitter.
3. Wait until the red light on the receiving end turns green
4. The transmitting end and the receiving end turn green at the same time. Press the button at the receiving end first and then press the button at the transmitting end.

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## FAQ:

Q1: The device has no display

A: Re-pair transmitter and receiver (see VII. Pairing Method)

Q2: The power LED is off

A: Ensure that the power adapter is properly connected

Q3: The display shows "search being conducted" for a long time

A: Check whether the transmitter is correctly connected.

Q4: There is no video or the video quality is poor

A: 1. Check whether the connectors and wires are damaged and ensure that they are correctly connected to the corresponding connectors.

2. Check that the receiver is properly connected to the display device.

3. Ensure that all devices are working at supported distances. Pull them a little closer and try again.

Q5: The infrared remote control does not work

A: 1. Check whether the infrared intensifier and infrared receiver are connected correctly.

Exchange them to try again.

Check whether the infrared intensifier and infrared receiver are securely inserted into the port on the right.

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## Package Contents :

1x Wireless Transmitter

1x Wireless Receiver

4x External antenna

2x Power adapter (DC 12V)

1x Infrared Transmitter

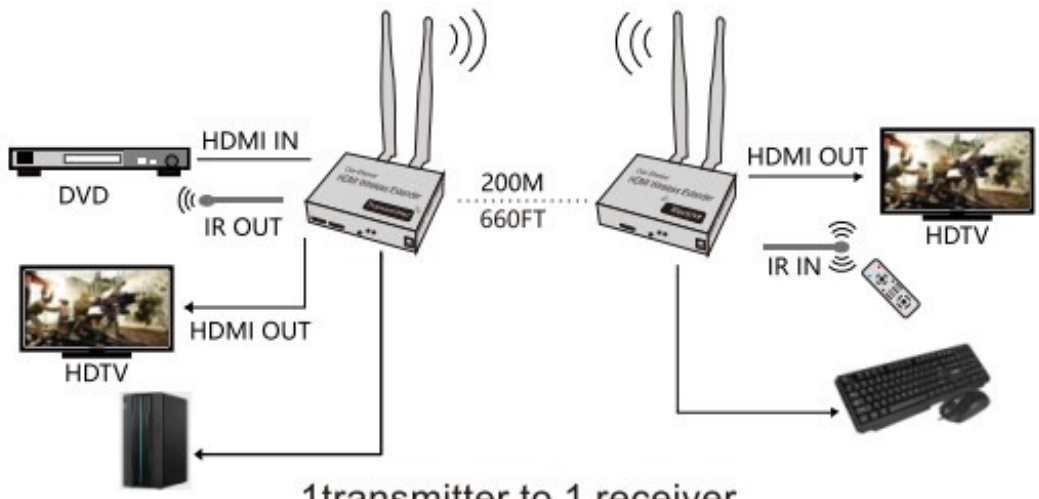
1x Infrared receiver

1x User Manual

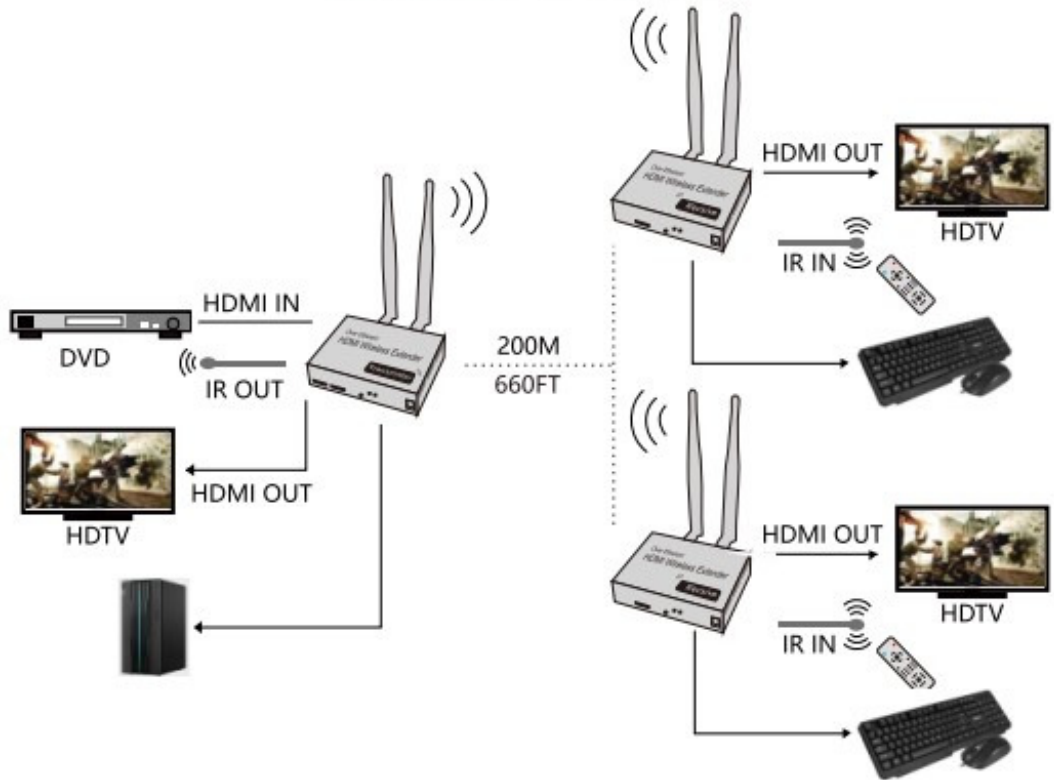
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### Product Diagram:



1 transmitter to 1 receiver



1 transmitter to multiple receivers

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200M



## Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.

### HDMI<sup>™</sup>

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