

Model : ATZ HDMI-E200-1x (x=no. of Receivers): 2/3/4

Description : HDMI Wireless Extender 200M (1-to-Multiple Display)



This product extends high-definition video and audio wirelessly to any HDTV displays up to 100 meters away.

The extender follows the TCP / IP standard Wireless Transport Protocol, so it has high transmission rate and strong anti-interference capability. It also supports HDMI mirror output and infrared remote control extension. The HDMI Wireless Extender is widely used in office presentation, lecture, corporate training, conference, family entertainment etc.

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Features:

- One TX can be paired with multiple RX (**Up to 4 Receivers**)
- Support one HDMI loop output, for local screen monitor
- Support HDMI resolution: 480P~1080P@50/60Hz and SVGA~WUXGA
- Transmit through internationally accepted 5G ISM frequency band, high transmission rate and strong anti-interference capability
- Using an external dual - gain antennas.
- Full HD 1080p transmits up to 200 meters wireless in open space.(May be affected by the use environment)
- Extends wide-band infrared remote to control source device from display side
- Support OSD for device status
- Plug and Play, no software installation required
- Supports both panel settings and Web Configuration Interface, Simple and easy to use

Transmitter (TX)

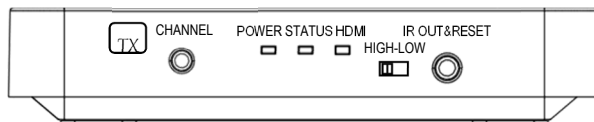


FIG.1 TX Front Panel View

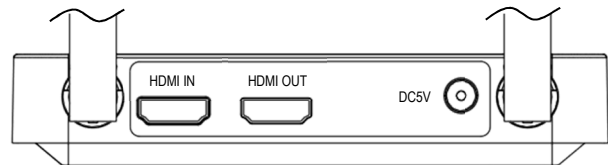


FIG.2 TX Rear Panel View

Receiver (RX)

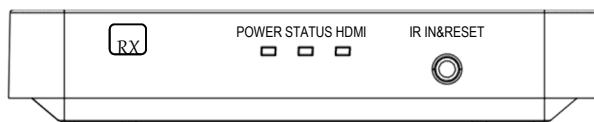


FIG.3 RX Front Panel View

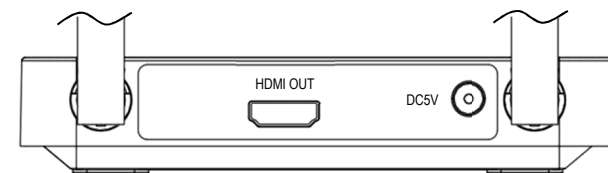


FIG.4 RX Rear Panel View

Model : ATZ HDMI-E200-1x (x=no. of Receivers): 2/3/4

Description : HDMI Wireless Extender 200M (1-to-Multiple Display)

POWER: Power indicator

STATUS: System status indicator

HDMI: HDMI input/output status indicator

CHANNEL: Wireless channel switch key

HIGH-LOW: Rate selector switch

HDMI IN: HDMI INPUT

HDMI OUT: HDMI OUTPUT

DC5V: 5V DC in jack

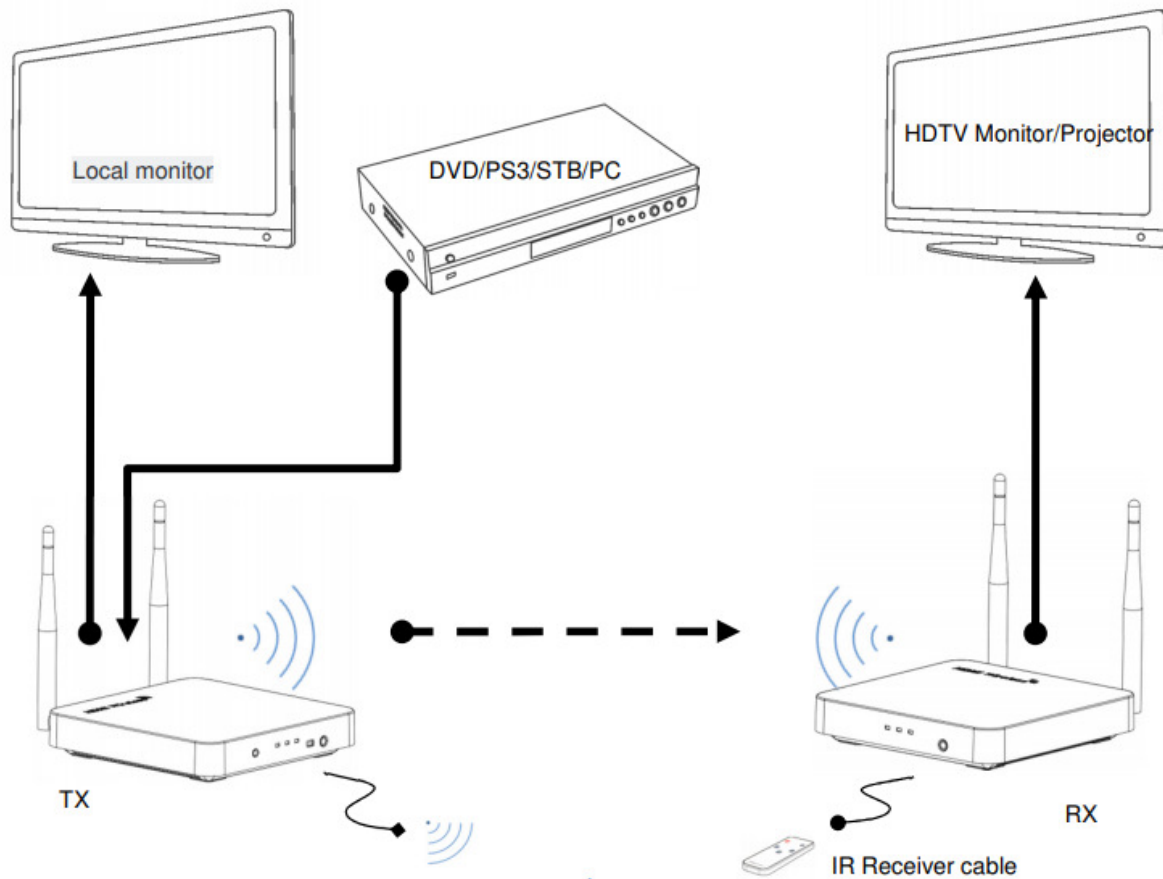
IR OUT&RESET: Insert IR transmitter cable & Factory Reset Button

IR IN&RESET: Insert IR receiver cable & Factory Reset Button

OPERATIONG AND CONNECTION:

1. Connect one HDMI cable from the DVD/BD player into the HDMI input port of the HDMI wireless TX.
2. Connect one HDMI cable from TV/Monitor into the HDMI output port of the HDMI wireless RX.
3. Connect the IR Transmitter cable to the HDMI wireless TX and the IR Transmitter cable must face to the control target device.
4. Connect IR Receiver cable to the HDMI wireless RX.
5. Connect 5V power supplies to the TX&RX, the POWER indicator will be lit at this moment.
6. The device will automatically connect after power on. The STATUS indicator of TX and RX will be lit when the connection is successful. If the HDMI input or output signal is normal, the HDMI indicator light will be lit also. The STATUS indicator flashes continuously during normal transmission.
7. **In the case of multiple RX, all RX are connected in the same way.**

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Panel key operation instructions:

1. Select transmission rate: When the rate switch is selected at "HIGH," the product works in high rate mode, the RX has the best picture quality. If the rate switch is selected at "LOW", the product works in low rate mode, the RX has the best working distance at the moment.
2. Change Wireless channel: Press the "CHANNEL" key on the front panel of TX to cyclic switch the multiple wireless channels. If the product works unsteadily or pictures not fluent, You can try a different working channel.
3. Restore Factory Setting: To press the button for lasting three seconds, then the HDMI Status Led Light will flash for three times and restart, it shows that Restore Factory Set is successful.

Model : ATZ HDMI-E200-1x (x=no. of Receivers): 2/3/4

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The Factory Reset Button is located at the bottom of the Hole of the IR IN/OUT. It is able to work under power on status. To use one long and narrow insulated stick (like toothpick) to insert the hole end to press the button.

Note: You must to restore factory set at transmitter and all receivers before they can be reused.

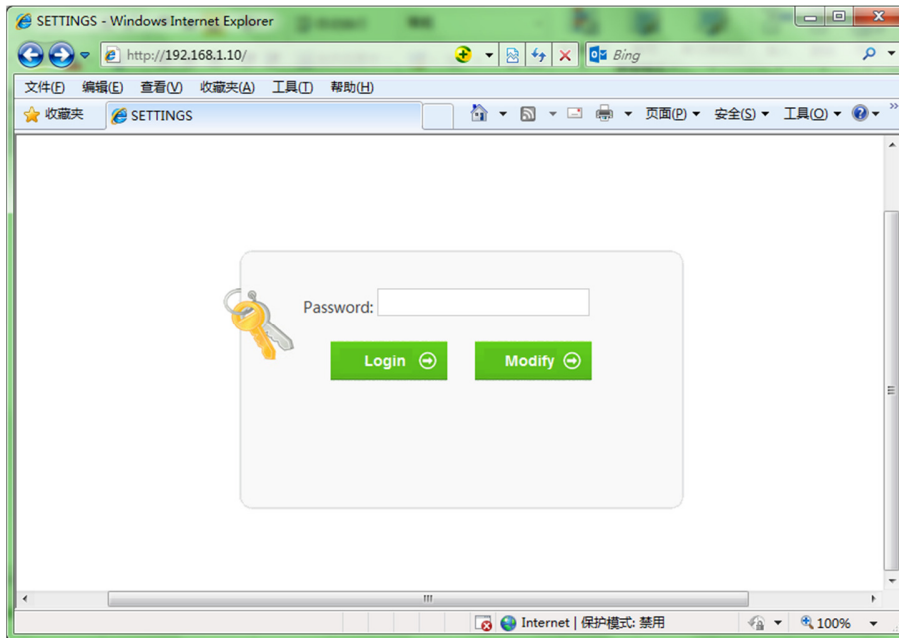
Web settings:

To prevent the interference caused by the same frequency device, the Wireless HDMI Extender support to set up the transmit channel and SSID by the WEB. For safety, the user should change the SSID and the password at the first log in. Please follow the below steps:

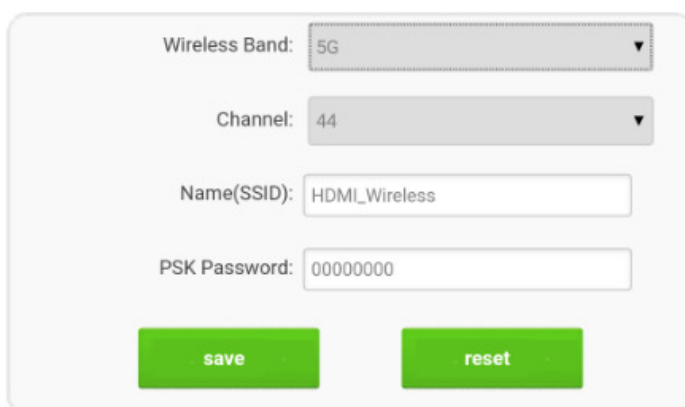
1. Connect 5V power supplies to the **transmitter and all receivers**, and let them be connected.
2. Turn on the WLAN of the mobile phone / PC, search and connect SSID: **Multi_HDMI_Wireless**, Enter the default password: 00000000.
3. Modify the IP address type of the mobile phone / PC to Auto. When you select static type, you must be set the IP in 192.168.1. xxx address segment range, e.g. 192.168.1.100.
4. Open the browser and scan the QR code or enter "192.168.1.10" in the address bar to enter the configuration page.. As shown below:



Model : ATZ HDMI-E200-1x (x=no. of Receivers): 2/3/4
Description : HDMI Wireless Extender 200M (1-to-Multiple Display)



5. Enter the default login password: admin, click "Login" open the Settings Interface. If you want to modify the login password, please click on the " Modify ", after modified click "save" to save and exit. Restore factory settings when click "reset".



6. If you have an error in setting or forgot the password, you can restore factory setting.

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Specifications:

Transmitter Unit	1x HDMI input + 1x HDMI loop out
Receiver Unit	1x HDMI output
HDMI resolution	Up to 1080p@50/60Hz
HDMI Audio Format	LPCM2.0/48KHz/16Bit
HDMI Max bandwidth	225MHz
HDMI Max baud rate	6.75Gbps
Input/Output TMDS signal	0.5~1.5Volts p-p(TTL)
Input/Output DDC signal	5Volts p-p (TTL)
HDMI output cable distance	≤15m AWG26 HDMI standard cable
Antenna type	External dual 3dBi gain antenna
Wireless standard	IEEE 802.11a/b/g/n
Wireless Band	5G ISM Band
Operational range	Up to 200M in open space
Latency (delay)	<200 ms
IR Carrier frequency	20-60KHz
Video compression	Comparable with H.264
Max Data rates	2T2R up to 300Mbps
Transmit Output Power (IPEX)	20dBm Max
IR Carrier frequency	20-60KHz
TX/RX Max working current	1A
Power adapter format Input	AC 100V~ 240V 50HZ/60Hz, DC5V/2A
Operating Temperature range	-5 to +45°C
Storage Temperature range	-20 to +60°C
Operating Humidity range	10 to 90%RH (No Condensation)
Storage Humidity range	5 to 95%RH (No Condensation)
Case Dimension (L x W x H)	127.5x127.5x25 (mm)
Weight	TX163g/ RX160g

Model : ATZ HDMI-E200-1x (x=no. of Receivers): 2/3/4

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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 machines 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.

FAQ:

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:

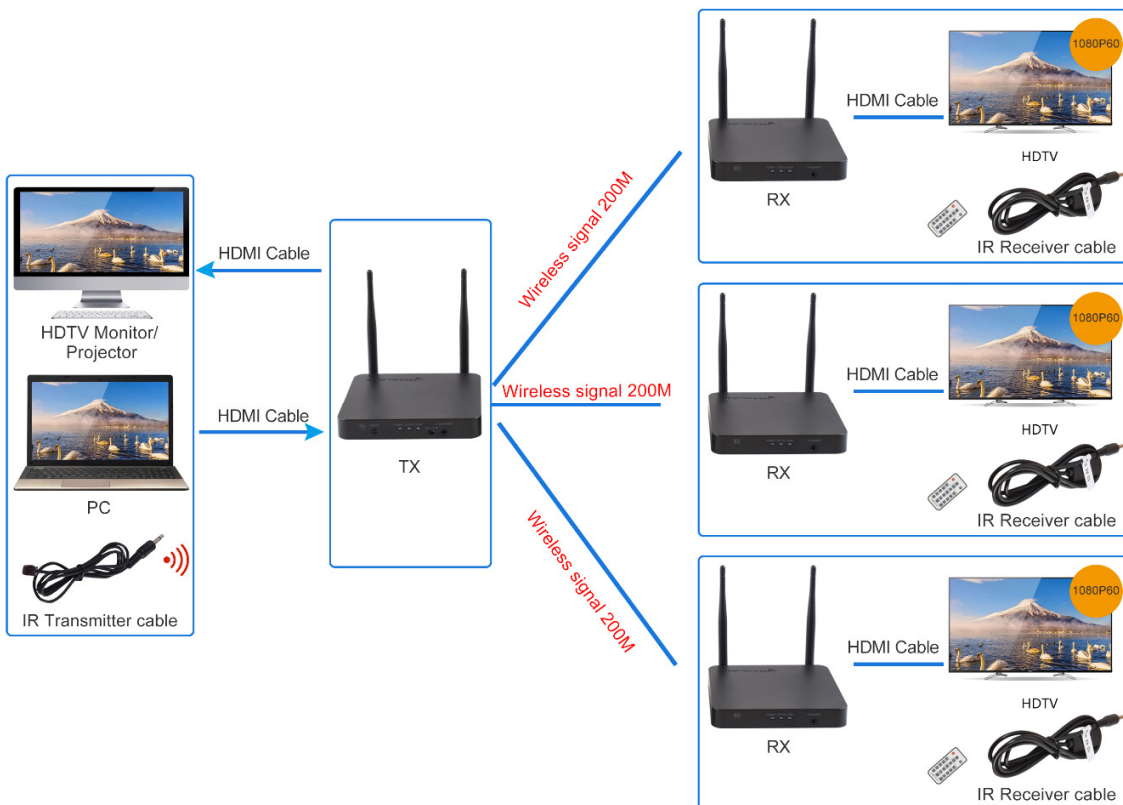
No.	Problem Description	Solutions
1	No display	<ol style="list-style-type: none"> 1. Check the TV is on and has been connected with the machine. 2. Please check the TX power supply 3. Make sure the TV is working regularly
2	Display "Connecting"	<ol style="list-style-type: none"> 1. Please check the RX power supply 2. Please check the WEB are set correctly 3. Co-channel interference. Pls select a new channel 4. Pls reset or turn off the power restart
3	Display "No signal"	<ol style="list-style-type: none"> 1. Check the signal source is power on and output normal. 2. Check the signal source output resolution. 3. Make sure the HDMI cable is properly connected
4	Transmission distance is short	<ol style="list-style-type: none"> 1. Please adjust the angle of the antenna or adjust the placement 2. Concrete walls, Brick, Wallpaper, Metal, Bulletproof glass will shorten the signal cover range or cause big signal loss. 3. Co-channel interference. Pls select a new channel
5	Screen not fluent	<ol style="list-style-type: none"> 1. Please adjust the angle of the antenna or adjust the placement

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		2. Co-channel interference. Pls select a new channel
6	Can't find the SSID	<ol style="list-style-type: none"> 1. Please check the RX and TX power supply 2. Please check whether the Phone/PC support 5G band 3. Factory default or turn off the power restart
7	Can't login to the Web settings interface	<ol style="list-style-type: none"> 1. Please check the RX and TX power supply 2. Please check the IP type of mobile phone/PC is Auto 3. Please check the IP is in 192.168.1. XXX address range 4. Please try Login again after changed a browser

Product Diagram:

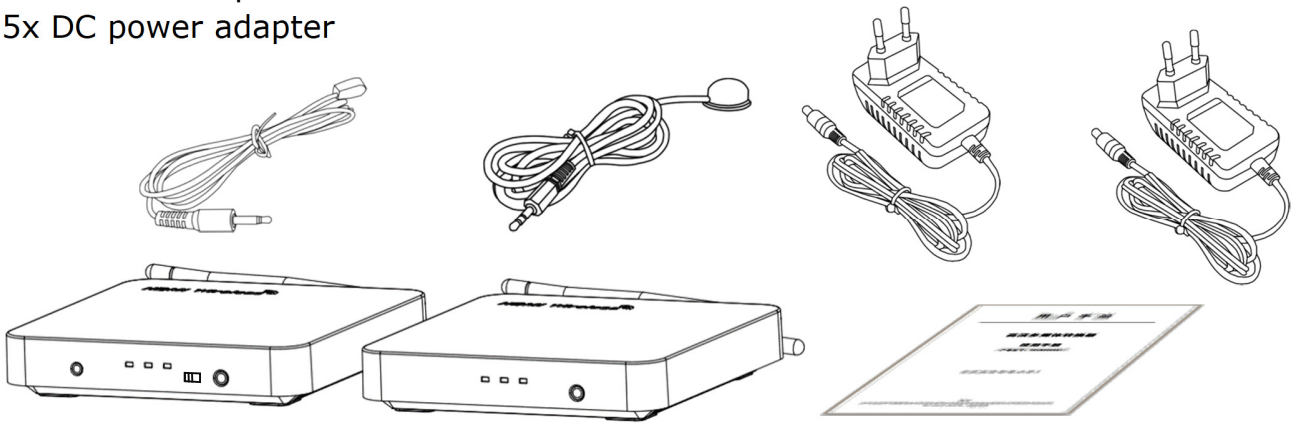


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Package contents:

- 1x HDMI Wireless Transmitter
- 1~4x HDMI Wireless Receiver (optional)
- 1x IR Transmitter cable
- 1~4x IR Receiver cable
- 1x User manual 1pc
- 2~5x DC power adapter



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.