Connection instruction:

1) Connect HDMI input to HDMI source device and connect IR blaster extension cable to IR OUT interface of the sender (TX).
2) Connect HDMI output to HDMI display device and connect IR receiver extension cable to IR IN interface.
3) Power on the device (power led lights) and it works.

Note:

1) When the wireless signal transmits through wall, glass or other obstacles, it will cause signal loss. Please install this device in good environment with few obstacles.
2) The external environment wireless signal will affect transmission, such as micro waver, wireless mouse and keyboard etc.

• FAQ

Q: TV display "waiting for connection..." on the bottom right corner?
A: Please check and ensure the power supply of TX (sender) and RX(receiver) is well connected and the power indicator led turn on.

Q: TV display "Please check the TX input signal"?
A:1) Please check if there is an HDMI signal input of sender TX
2) Try to connect the signal source directly to display device to see if there is signal output from source device or change the signal source, HDMI cables and try again.

Q: Display not fluent and stable
A: 1) Please move the position of sender (TX) and receiver (RX) and make sure the device is within the signal coverage.
2) Press "reset" button on the TX/RX panel, reset and reconnect.
3) Remove other wireless signal disturbance and reduce the obstacle on the way.

• Specification

Items		Specification
Power supply	Voltage/Current	DC5V/3.5A
	Power consumption	TX < 11W RX < 12W
HDMI performance and interface	HDMI compliance	HDMI2.0
	HDCP compliance	HDCP2.2
	HDMI connector	Type A, female
	HDMI input resolution supported	480i@60Hz、480p@60Hz、576i@50Hz、576p@50Hz、720p@50/60Hz、1080i@50/60Hz、1080p@50/60Hz、4Kx2K@24/25/30/60Hz
	HDMI output resolution supported	1080p@60Hz、4Kx2K@30/60Hz
	Audio formats supported	L/R stereo audio
	Maximum transfer rate	18Gbps
	Input and output TMDS signal	0.7～1.5Vp-p(TMDS)
	Input and output DDC signal	5Vp-p(TTL)
	Input cable length supported	≤5m(AWG24 HDMI2.0cable standard)
	Output cable length supported	≤5m(AWG24 HDMI2.0cable standard)
IR performance and interface	IR remote control	Support IR passback with 20-60KHz frequency
Wireless performance and interface	Transmission method	5.1～5.8G Wireless transmission
	Transmission distance	200 Meters
	Latency	≤200 ms
Protection level	Electrostatic protection of the whole machine	1a Contact discharge level 3
		1b Air discharge level 3
		Standard: IEC61000-4-2
Operating environment	Working temperature	0～50℃
	Storage temperature	-10～70℃
	Humidity (no condensation)	0～90%
Body properties	Dimension	195.4(D) x138.3(W) x 30.8(H)mm
	Material	Iron alloy material + crystal panel
	Finishing	Grit blast
	Colour	Black
	Weight	TX : 560g , RX : 550g
Reliability	Mean time between failures (MTBF)	>30000 Hours

FCC Warning:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
o Reorient or relocate the receiving antenna.
o Increase the separation between the equipment and receiver.
o Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
o Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

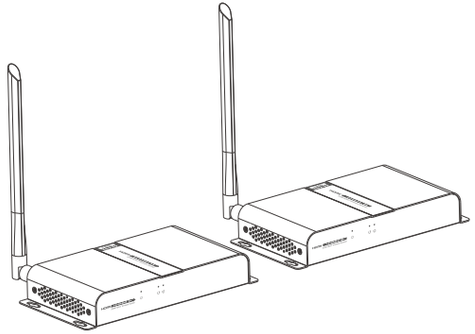
Disclaimer

The product name and brand name may be registered trademark of related manufacturers.TM and ® may be omitted on the user manual. The pictures on the user manual are just for reference, and there may be some slight difference with the real products.
We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.

Wireless Extender

User manual

4Kx2K 60Hz



• Important safety notice

Please read below safety instructions carefully before installation and operation:

1. Please pay attention to all the warnings and hints on this device.
2. Do not expose this unit to rain, moisture and liquid.
3. Do not put any stuff into the device.
4. Do not repaire the device or open the enclosure without professional person guidence to avoid electronic shock.
5. Make sure good ventilation openings to avoid product overheating damage.
6. Shut off power and make sure environment is safe before installation.
7. Do not plug-in/out the network cables and IR cables when it is in using to avoid cables damage.
8. Use DC5V3.5A only. Make sure the specification matched if using 3rd party DC adapters.

• Introduction

This transmitter extends HDMI signal wirelessly from source device to display device up to 200meters with the advanced application of HDbitT transport protocol and wireless technology. The signal resolution up to 4Kx2K@60Hz. It requires no cables between sender (TX) and receiver (RX) which makes the installation easy and clean.

Note:

1) Transmission distance will be different due to the environment.
2) Wall, brick or glass will shorten the signal cover range or cause big signal loss.

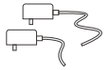
• Features

1. HDMI 2.0 and HDCP2.2 compliant
2. Extend HDMI signal wirelessly
3. Strong anti-interference ability by running at 5.1~5.8GHz operation frequency
4. 200m long transmission distance
5. High resolution up to 4K×2K@60Hz ultra HD
6. IR passback with 20-60KHz wide frequency to control source device from receiver side easily
7. Support point to point and point to multi-point configuration (1 TX to 2 RX)

• Package contents

HDMI extender TX sender x1pcs

HDMI extender RX receiver x1pcs



DC5V3.5A power adapter x2pcs

IR blaster extension cable x1pcs

IR receiver extension cable x1pcs

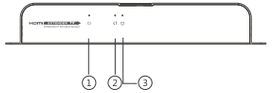
User manual x1pcs

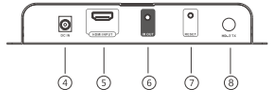
• Installation Requirement

1. HDMI source device (DVD, PS3, Set top box, PC etc).
2. HDMI display device (SDTV, HDTV, and projector etc).

• Panel description

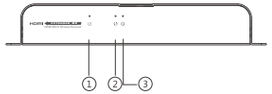
1. HDMI Extender TX sender

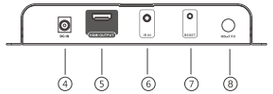




①	Power indicator	LED indicator turn on when power on
②	Data transmission indicator	Blink when data is transmitted
③	HDMI signal indicator	LED indicator turn on when the transmitter connects to the receiver, otherwise it is off
④	Power input	Connect with DC5V3.5A power adapter
⑤	HDMI input	Connect with HDMI source device
⑥	IR blaster extension cable interface	Connect with IR blaster extension cable. Please put the IR blaster close to source device to better transmit the IR signal from receiver
⑦	Reset	Press reset button to restart the device
⑧	Antenna	Launch wireless signal

2. HDMI extender RX receiver

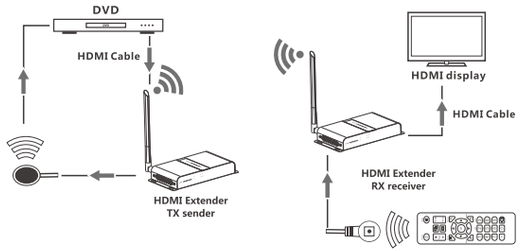
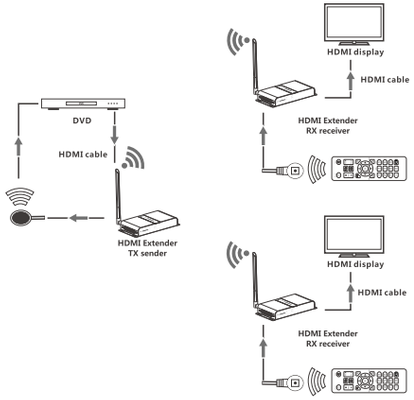




①	Power indicator	LED indicator turn on when power on
②	Data transmission indicator	Blink when data is transmitted
③	HDMI signal indicator	LED indicator turn on when the transmitter connects to the receiver, otherwise it is off
④	Power input	Connect with DC5V3.5A power adapter
⑤	HDMI output	Connect with HDMI display device
⑥	IR receiver extension cable interface	Connect with IR receiver extension cable. Please make sure the remote control is within the required range of IR receiver
⑦	Reset	Press reset button to restart the device
⑧	Antenna	Receive wireless signal

• Connection

1. Point to Point connection:



2. Point to Multi-point connection: