• 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 repair the device or open the enclosure without professional person guidance 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 DC5V 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 200ft with the advanced application of HDbitT transport protocol and wireless technology. It requires no cables between sender (TX) and receiver (RX) which makes the installation easy and clean.
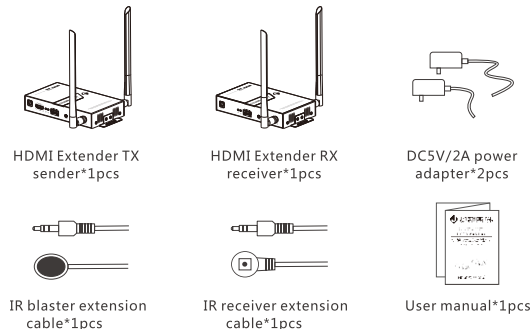
Note:
1) Transmission distance will be different due to the environment.
2) Wall, brick or glass will shorten the signal cover range or cause big signal loss.

• Features

1. Transmit HDMI signal from source device to display device up to 200ft wirelessly.
2. Support IR remote control function to control source device content from long distance.
3. Transmitter support one HDMI loop-out
4. High resolution up to 1080 full HD
5. No cable between sender(TX) and receiver(RX).
6. Easy and clean installation.

• Package contents

HDMI Extender TX sender*1pcs

HDMI Extender RX receiver*1pcs

DC5V/2A power adapter*2pcs

IR blaster extension cable*1pcs

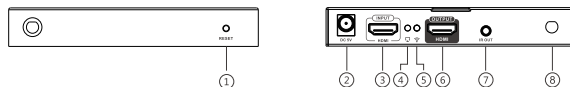IR receiver extension cable*1pcs

User manual*1pcs

• Installation Requirement

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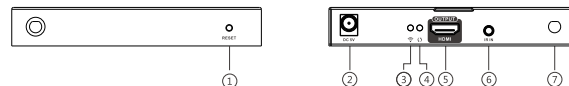2. HDMI display device like SDTV, HDTV, and projector with HDMI port.

• Panel description

1. HDMI Extender TX sender

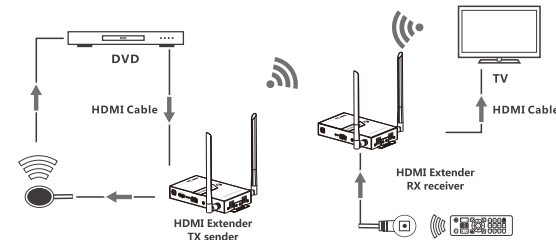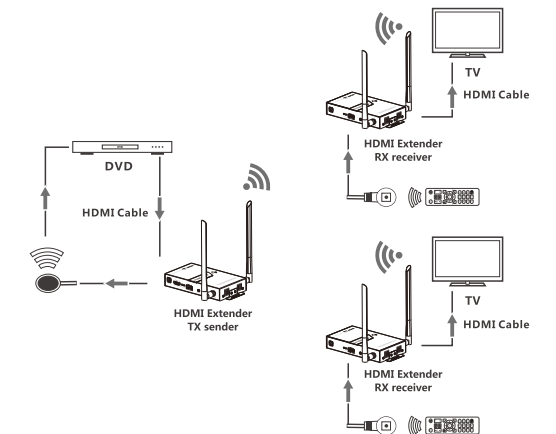| ① Reset	Press reset button to restart the device
② Power input	Connect with DC5V/2A power adapter
③ HDMI input	Connect with HDMI source device
④ Data transmission led	Led blinks slowly when it is building connection. Led blinks fast when it is successfully connected and transmitting data
⑤ Connection led	It lights when wireless signal is well connected
⑥ HDMI output	Connect with HDMI display device
⑦ IR blaster extension cable interface	Connect with IR blaster extension cable. Please put the IR blaster close to source device to best transmit the IR signal from receiver
⑧ Antenna	Launch wireless signal

2. HDMI Extender RX receiver

① Reset	Press reset button to restart the device
② Power input	Connect with DC5V/2A power adapter
③ Connection led	It lights when wireless signal is well connected
④ Data transmission led	Led blinks slowly when it is building connection. Led blinks fast when it is successfully connected and transmitting data
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 Antenna	Receive wireless signal

• Connection

1. One to One connection

2. One to Two Connection

Connection instruction:

1) Connect HDMI input with HDMI source device and connect IR blaster extension cable with IR OUT interface of the sender (TX).

2) Connect HDMI output with HDMI display device and connect IR receiver extension cable with 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. Suggest installing this device in good environment with few obstacles.

2) The external environment wireless signal interfere the transmission, such as micro waver, wireless mouse and keyboard etc.

• FAQ

Q: Transmitter and receiver can't be connected with each other?

A: 1)Please check if the wireless connection light on product blinks properly.

2) Restart the transmitter or receiver.

3) Reconnect the HDMI cable.

Q: The wifi LED indicator of the transmitter keeps on, but no signal output on display/monitor?

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 change the position of sender (TX) and receiver (RX) and make sure devices is within the signal coverage.

2) Restart the transmitter or receiver.

3) Reconnect the HDMI cable.

4) Remove other wireless signal disturbance and reduce the obstacle on the way.

• Specification

Items	Specification
HDMI signal	Full compatible with HDCP
Transport protocol	HDbitT
Support resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
IR remote control	Support 20~60kHz wide frequency IR remote device
Transmit distance	Up to 200ft for 1080p 60Hz
Working temperature	0℃～60℃
Power supply	DC5V/2A *2PCS
Power consumption	TX < 7W RX < 5W
Enclosure material	Metal
Product dimension	132.9(W) x79(D) x 20.5(H)mm *2PCS
Weight	TX : 310g , RX : 310g
Color	Black

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.
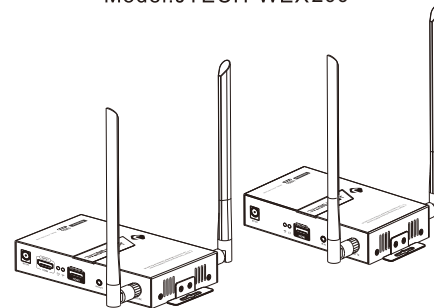
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USER MANUAL

HDbitT Technology 200ft Wireless Extender
Transmitter & Receiver kit (Support 2 receivers)

Model:JTECH-WEX200

HD bitT FC CE ✓ RoHS

JTD-ID:611

FCC Warnning:

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:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.• 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.