

• **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. Use DC5V/2A only. Make sure the specification matched if using 3rd party DC adapters.

• **INTRODUCTION**

This HDMI KVM wireless extender includes transmitter unit and receiver unit, allows to transmit and extend HDMI signal up to 50 meters sight distance wirelessly, it has strong anti-interference ability by running at 5GHz operation frequency, and supports point to point connection. This KVM Extender can remote control the source device from the receiver side via keyboard and mouse. It is really a very good solution for meeting, conference, home entertainment and multi-media education etc.

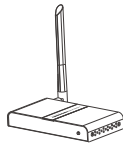
Note:

- 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. Plug and play, easy installation
- 2. Support resolution up to 1080p@60Hz.
- 3. Transmitter supports one HDMI loop-out.
- 4. Support point to point wireless connection
- 5. Smart portable design, excellent performance
- 6. Support 50m long range transmission sight distance
- 7. Support KVM function, remote control conveniently
- 8. Strong anti-interference ability by running at 5GHz operation frequency

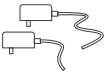
• **PACKAGE CONTENTS**



HDMI Extender TX sender x1pcs



HDMI Extender RX receiver x1pcs



DC5V/2A power adapter x2pcs



User manual x1pcs



USB Cable x 1pcs



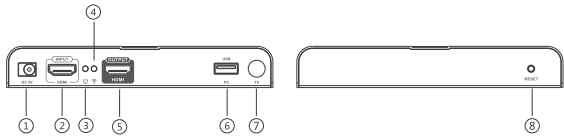
CD (USB driver software) x1pcs

• **INSTALLATION REQUIREMENT**

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

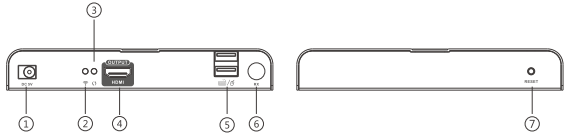
• **PANEL DESCRIPTION**

1. Transmitter Unit (TX)



①	Power input	Connect with DC5V/2A power adapter
②	HDMI input	Connect with HDMI source device
③	Signal indicator	LED indicator keep on when HDMI signal input
④	Wireless connections indicator	It's on when the transmitter and the receiver connect well with each other, other wise, it's off
⑤	HDMI output	Connect with HDMI display device
⑥	USB port	Connect with computer/ PC
⑦	Antenna	Connect with antenna
⑧	Reset button	Press for restarting the unit

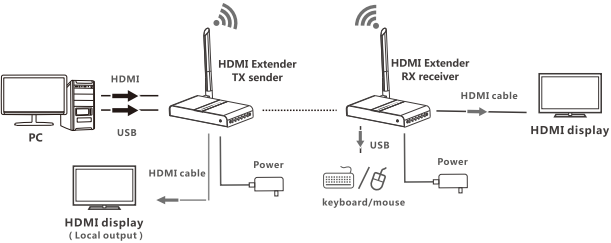
2. Receiver Unit (RX)



①	Power input	Connect with DC5V/2A power adapter
②	Wireless connections indicator	It's on when the transmitter and the receiver connect well with each other, other wise, it's off
③	Data transmission led	Led blinks slowly when it is building connection. Led blinks fast when it is successfully connected and transmitting data
④	HDMI output	Connect with HDMI display device
⑤	USB port	Connect with keyboard and mouse
⑥	Antenna	Connect with antenna
⑦	Reset button	Press for restarting the unit

• **CONNECTION**

Point to Point connection:



1. Install driver software

- 1.1 Connect the transmitter unit and computer via USB cable, and install driver software from CD.
- 1.2 No need to restart when installation completed.

2. Connection instruction

- 2.1 Connect HDMI input with source device.
- 2.2 Connect HDMI output with display device.
- 2.3 Connect the keyboard/mouse with the receiver via USB port.
- 2.4 Connect the transmitter with PC via USB cable.
- 2.5 If use HDMI loop-out function, connect the HDMI display devices to the HDMI output port on the transmitter via HDMI cables.
- 2.6 Plug the power supply into the unit (Power led is on) 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 effect 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 and make sure there is an HDMI signal input of sender TX
- 2) please connect the signal source directly to display device to see if there is signal output from source device, and change the signal source, HDMI cables and then try again.

Q: Display is not fluent and stable?

- A: 1) Please change the location 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.

Q: USB dose not work?

- A: 1) Re-install the driver software, check and make sure the USB cables are connected well, then reset transmitter or receiver.

SPECIFICATION

Items		Specification
Power supply	Voltage/Current	DC5V/2A
	Power consumption	TX < 7W RX < 5W
HDMI performance and interface	HDMI compliance	HDMI1.3
	HDCP compliance	HDCP1.2
	HDMI resolution supported	480i@60Hz、480p@60Hz、576i@50Hz、576p@50Hz、720p@50/60Hz、1080i@50/60Hz、1080p@50/60Hz
	Maximum transfer rate	10.2Gbps
	Input and output TMDS signal	0.5~1.5Vp-p(TMDS)
	Input and output DDC signal	5Vp-p(TTL)
Wireless performance and interface	Transfer method	5G Wireless transmission
	Transmission distance	50 Meters
	Latency	≤200 ms
USB	2.0	
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	120.9(W) x 149.7(D) x 23.2(H)mm
	Material	Iron alloy material + crystal panel
	Processing technology	Sandblasting
	Finishing	Grit blast
	Weight	TX : 340g , RX : 340g

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.

HDMI KVM Wireless Extender

User manual

