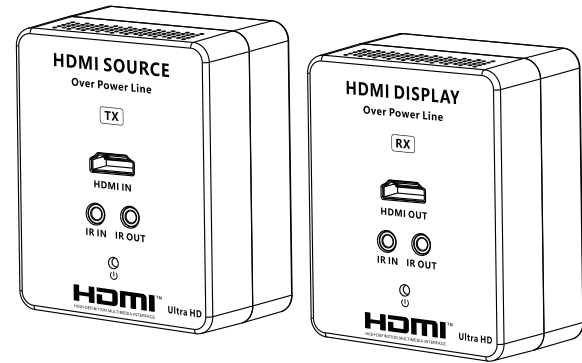


材质: 157g 铜版纸

尺寸: 100x138mm

装订方式: 骑马钉

4K@60Hz One-to-Many over Power Line Extender



Disclaimer

The product name and brand name may be registered trademark of related manufactures. ™ and ® may be omitted on the user manual. The pictures in this user manual are just for reference. We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

• Important Safety Instructions:

Thank you for purchasing this product. For optimum performance and safety, please read the instructions carefully and keep the manual for future reference.

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 or open this device 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 HDMI cables and IR cables when it is in using to avoid cables damage.

• Introduction

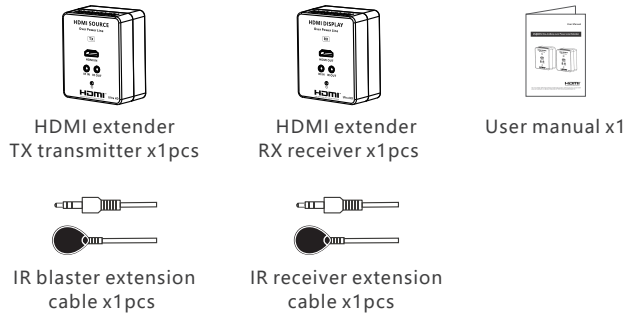
This 4K@60Hz HDMI extender utilizes powerline communication to transmit audio and video signals. It does not require any cabling. Under the same electric meter, it just needs to connect transmitter and receiver. Power them on and they can match automatically. Plug and play design gives users very convenient connection.

• Features

1. It transmits signals over existing powerlines and connects through any power outlet, offering a cabling-free solution.
2. Supports point-to-point connection.
3. Supports point-to-multipoint connectivity without requiring a switch.
4. It can extend 4K@60Hz signal up to 300M under the condition of fluent electric power environment.

5. Supports bi-directional IR pass-back(20 ~ 60KHz);
6. Easy setup, plug and play
7. Fireproof raw material is used to ensure safety and reliability.

• Package Contents

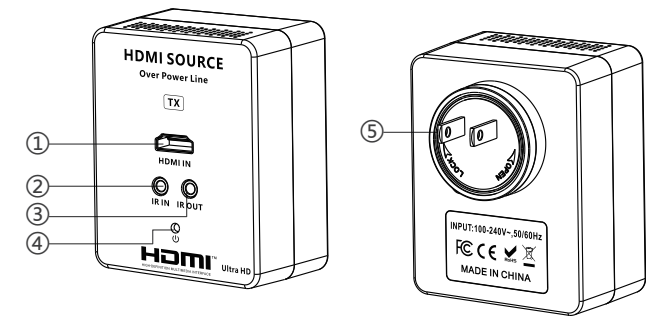


• Installation Requirements

1. HDMI source device (DVD, PS3, Set top box, PC etc)
2. HDMI display device like SDTV, HDTV, and projector with HDMI port.
3. AC 100~240V Power input

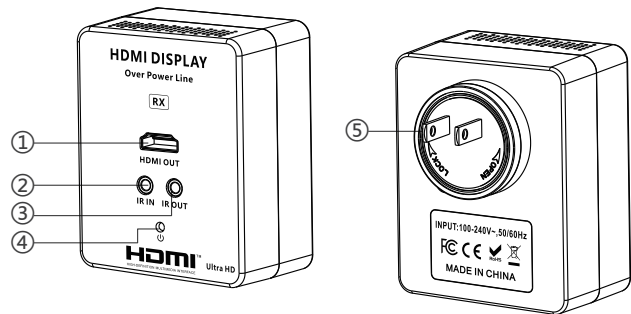
• Panel Description

1. Transmitter(Tx)



①	HDMI input	Connect with HDMI source device
②	IR input	Connect with IR receiver extension cable
③	IR output	Connect with IR blaster extension cable
④	Power indicator	Indicator lights up when power is applied
⑤	Power plug	Insert the AC100~240V power supply (Provide power plugs of different specifications as needed)

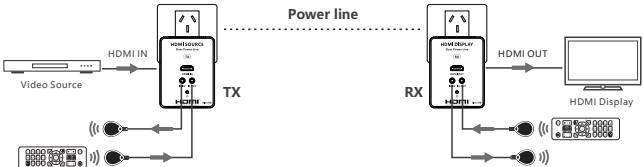
2. Receiver(Rx)



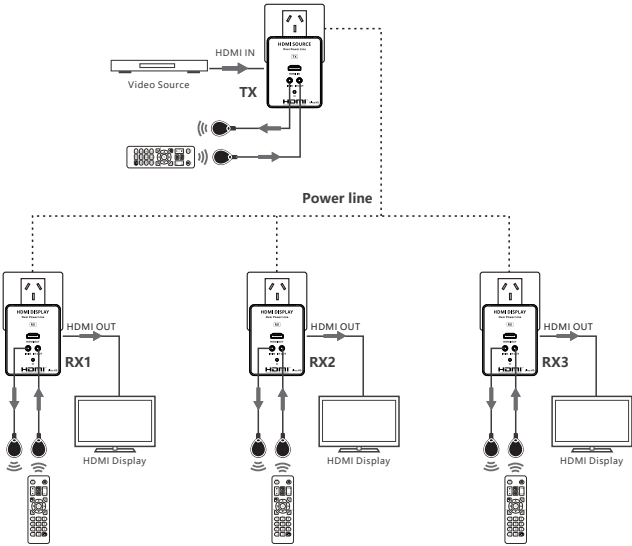
①	HDMI output	Connect with HDMI display device
②	IR input	Connect with IR receiver extension cable
③	IR output	Connect with IR blaster extension cable
④	Power indicator	Indicator lights up when power is applied
⑤	Power plug	Insert the AC100~240V power supply (Provide power plugs of different specifications as needed)

• Installation Procedures

1. One-to-One Connection



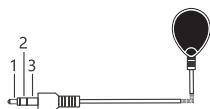
2. One-to-many Connection



3. Connection Instructions

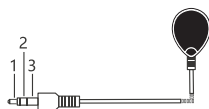
- 1) Connect the source device to the HDMI IN port of the transmitter with an HDMI cable, and connect the HDMI OUT port of the receiver to the display device with another HDMI cable.
- 2) Plug the power to get started.

4. IR User Guide



IR blaster

1. Power
2. IR Signal
3. Null



IR receiver

1. Power
2. IR Signal
3. Grounding

- 1) IR blaster extension cable should plug in the IR OUT port of the transmitter or receiver, IR receiver extension cable should plug in the IR IN port of the transmitter or receiver.
- 2) The emitter of the IR blaster extension cable should be as close as possible to the IR receiving window of the source device.
- 3) Point the remote control at the receiving head of the IR receiver extension cable to operate.

• FAQ

Q: TV display "Please check the TX input signal" ?

A:

- 1) Please check if there is an HDMI signal input of transmitter 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 check if the powerline is arranged smooth and If the poweline length is over the limitation of this product.
- 2) Please check if the powerline capacity is over loaded
- 3) Please check if there is electricity interruption equipment. And it is advised to plug in wall outlet and avoid using power charger and power adapter.

• Technical Parameters

Item	Transmitter(Tx)	Receiver(Rx)
Video		
Input interface	1x HDMI	/
Output interface	/	1x HDMI
Maximum transfer rate	18Gbps	
Compatibility	HDMI 2.0	
	HDCP 1.4/HDCP 2.2	
Resolutions	4096x2160@24/30/50/60Hz, 3840x2160@24/30/50/60Hz, 1080P@24/25/30/50/60Hz, 720P@50/60Hz, 576P@60Hz, 480P@60Hz, 1920x1200, 1680x1050, 1600x900, 1280x1024, 1280x960, 1280x720, 1024x768, 800x600	
Connection types	One-to-one connection One-to-many connection	
Transmission distance	300M	
Transmission latency	1080P: 80~130ms 4K@60Hz: 150~220ms	
Audio signal		
Input interface	1×HDMI	/
Output interface	/	1×HDMI
HDMI output	LPCM 2.0	
Command Signal		
IR interface	1x 3.5m m IR input 1x 3.5m m IR output	1x 3.5m m IR input 1x 3.5m m IR output
IR receiving range	≤ 5m	
IR frequency	20kHz~60kHz	
Power		
Power Supply	AC 100 ~ 240V	AC 100 ~ 240V
Power Consumption	TX ≤ 5W	RX ≤ 5W

Operating Environment		
Working temperature	- 20℃~60℃	
Storage temperature	- 30℃~70℃	
Humidity	0~90%RH (no condensation)	
Physical Properties		
Housing	Fireproof engineering plastics	
Weight	150g	150g
Color	Black	
Dimensions	87.4(L)*67.4(W)*74.2(H)mm	
Protection	ESD protection 1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2	
	Lightning protection, Surge protection	