WIRELESS HDMI

Wireless HDMI extender with KVM 200 m

FOCOMM

OVERVIEW

This HDMI/KVM Wireless extender uses 2.4G and 5G modules to enable high-speed, high performance wireless communication among consumer electronics, computer and mobile devices.
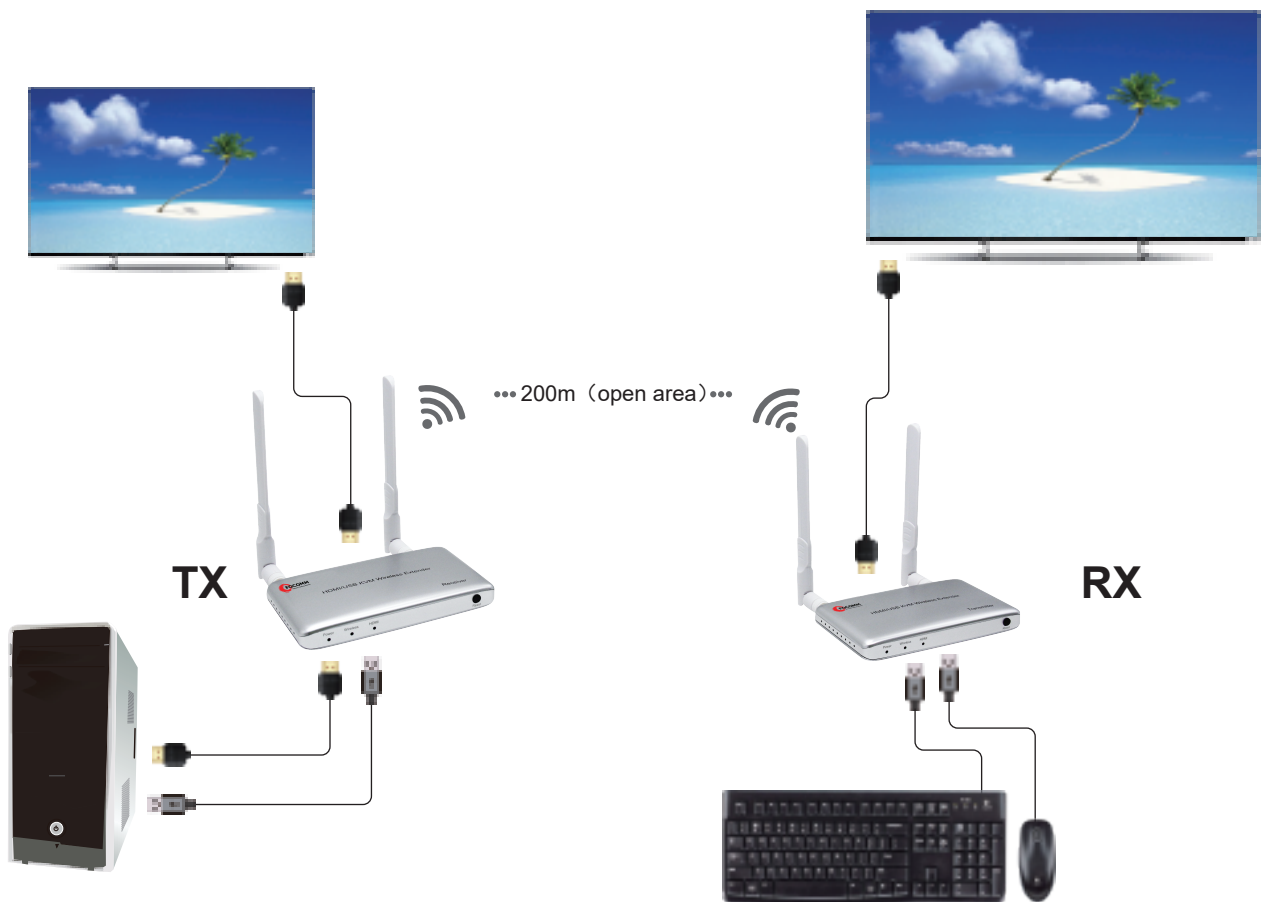
It combines high bandwidth capacity and strong error correction capability, to transmit HD video. It transmit the signal up to 200m in the open area,also go through the wall.

FEATURE

- Support HDCP1.3;

- Support standard IEEE802.11a/b/g/n;

- Support the highest resolution up to 1920x1080/60Hz;

- Support the highest rate 1.485G and TMDS clock up to 148.5Mhz;

- Support IR control;

- Support KVM function;

- Working in 2.4G/5G frequency band,not easy disturbed to wireless signals;

- The longest distance can be 200m when open space without any barriers, normal go through the wall up to 40 meters.

APPLICATIONS

TX ··· 200m（open area）··· RX

ISO 9001 RoHS Compliant CE FC

SPECIFICATIONS

HDMI Resolution	up to 1920x1080p/60Hz
Support audio format	Stereo audio
Max bandwidth	.148.5MHz
Max baud rate	1.485Gbps
Input cable distance	(1080p resolution) ≤8m AWG26 HDMI standard cable
Output cable distance	(1080p resolution) ≤28m AWG26 HDMI standard cable
Transmitter Max working current	1.2A
Receiver Max working current	800mA
Power adapter	Input AC (50Hz, 60Hz) 100V-240V; Output: DC5V/2A
Operating Temperature range	(-15°C to +55°C)
Dimension (L x W x H)	136x86x23(mm)

CONNECTING AND OPERATING

1. Connect the HD source to the input of the wireless extender TX with 1 HDMI cable

2. Connect the output of the wireless extender TX to the display device with 1 HDMI cable

3: Connect the output of the wireless extender RX to the display device with 1 HDMI cable

4: Connect 5V/2A power adapter to the TX and RX. After connecting well, there are two methods to send the control signal from the RX

back to the TX.

Method 1: IR control function. 1) Connect the IR receiver to the "IR-RX" port on the wireless extender receiver;

2) Connect the IR transmitter to the "IR-TX" port on the wireless extender transmitter; 3) Put the IR transmitter port near to the HD

source IR receiving hole. The method is usually used in DVDs.

Method 2: KVM function. 1) Connect the keyboard and mouse to the USB ports on

wireless extender RX; 2) Use a double male USB cable, one male USB port

connects with the USB on the wireless extender TX, the other male USB port

connects with the USB on the signal source. The method is usually used in computers.

ORDER INFOMATION

PRODUCT	PART NUMBER
Wireless HDMI extender with KVM 200 m	MD-HDWE-200