HDMI®
HIGH-DEFINITION MULTIMEDIA INTERFACE

JINALI®

USER MANUAL

200M KVM Wireless Extender
JHS23/KVM/200MTR/WIFI

Enjoy the vivid world

Product introduce:

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.

Features:

* 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,
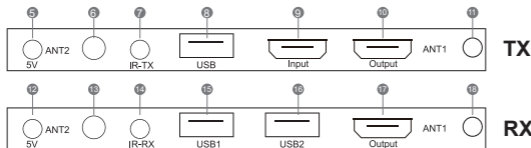 normal go through the wall up to 40 meters.

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) ≤8m AWG26 HDMI standard cable
Transmitter Max working current ……………….....…………………….......…………..… 1.2 A
Receiver Max working current ………………………………………………........… 800mA
Power adapter ....…. Input AC (50Hz, 60Hz) 100V-240V; Output: DC5V/2A
Operating Temperature range …………………....……….…………….…… (-15℃ to +55℃)
Dimension (L x W x H) …………………..........………….......……......... 136x86x23 (mm)

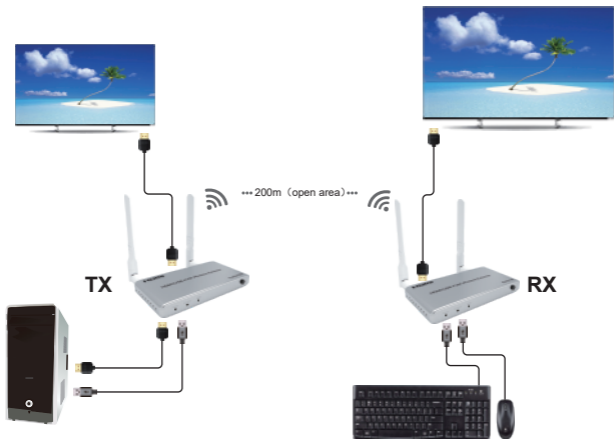## Specifications:

1:Power -- Power LED； 3:HMDI -- HDMI LED；
2:Wireless -- Wireless LED； 4:Reset -- Reset button；

5: 5V -- connect power adapter;
6: ANT2 --connect antenna;
7: IR-TX -- Connect the IR transmitter;
8: USB -- USB port for computer;
9: Input -- HDMI input;
10: Output -- HDMI output;
11: ANT1 -- connect antenna;

12:5V -- power adapter;
13:ANT2 -- connect antenna;
14:IR-RX -- connect the IR receiver;
15:USB1 -- USB port for keyboard/mouse;
16:USB2 -- USB port for keyboard/mouse;
17:Output -- HDMI output;
18:ANT1 -- connect antenna

Connection diagram:

200m（open area）

TX

RX

Connection and Operation:

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.

The matching code:

Wireless extender transmitter and receiver have been matched in the factory.If the users need to match again(for example,the matched transmitter/receiver needs to match with another receiver/transmitter),Please follow the steps:

1) Sender and receiver connect to the power supply,
2) Use HDMI cable connect HDMI input of sender with the HDMI output of receiver,until the HDMI LED indicator flashing.
3) When the HDMI LED indicator of sender and receiver from slow flash turn to light up, means that it matches up successfully.

Instruction:

1.When the Power LED indicator lights up,it means the power is on.
2.When the Wireless LED indicator lights up,it means working properly.And the Wireless LED indicator flash quickly,it means wireless signal is received and transmitted well.

Package include :

1.HDMI Transmitter & HDMI Receiver	1 pair	3.Power adapter	2 pcs
2.IR transmitter and receiver cable	1 pair	4.User manual	1 pc