

* Any video source with the HDMI video output interface can be connected.

4. Connect the IR remote extension connector to the IR remote signal output hole of the transmitter.



Installation and Use for Receiver

1. Install the receiver on another base and place the receiver beside an HD display device in another room.

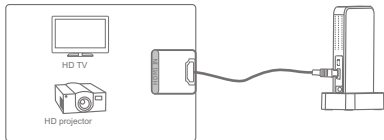


Note:

- * Put the antenna end upward.
 - * It is not recommended that you place any article on the receiver or beside it to avoid affecting the receiving distance and image effect.
 - * The transmission distance between the transmitter and the receiver is 30 meters at most. If signals are obtained by penetrating a wall, the transmission distance and image effect are affected.
2. The wireless network status indicator is ON after the receiver power supply is connected and wireless network connection is made successfully.



3. Connect the receiver to the HD display device with a standard HD AV cable. The video status indicator on the receiver is ON after video connection is made successfully. Images appear on the display device.



* Any display device with the HDMI video input Interface can be connected.

4. The video source can be controlled remotely by pointing the remote control at the IR receiving window on the receiver.



Note: This product matches only with an IR remote control in the 38 KHz carrier modulation mode.

Meanings of Indicator Statuses

Indicator	Indicator status	Working status
Wireless connection status indicator (transmitter)	Green on	→ The transmitter is connected successfully in the wireless mode
	Off	→ The transmitter fails to be connected in the wireless mode
	Flash rapidly	→ The device is abnormal
Video indicator (transmitter)	Green on	→ The video source is connected successfully
	Off	→ The video source fails to be connected
Wireless connection (receiver)	Green on	→ The receiver is connected successfully in the wireless mode
	Off	→ The receiver fails to be connected in the wireless mode
	Flash rapidly	→ The device is abnormal
Video indicator (receiver)	Green on	→ The display device is connected successfully
	Off	→ The display device fails to be connected

SPECIFICATIONS

Transmitter	Items	HKWH0130PWL
	Transmission Frequency	5.1~5.9GHz
	Frequency Stability	±4PPM
	Bandwidth	40MHz
	Transmission Power	≥12dBm
	Receiving Sensitivity	≤-75dBm
	System Latency	≤1ms
	Sending/receiving channel	4 channels for sending/1 channel for receiving
	HD video encryption protocol	HDCP 1.2

Transmitter	Items	HKWH0130PWL
	Unobstructed Effective Range	≥30m
	Power Supply	5V _{dc}
	Consumption Current	2A±10%
	Dimensions (W x D x H)	148 x 97 x 18 (mm)
	Approx. Weight	440g (including the base)
Receiver	Receiving Frequency	5.1~5.9GHz
	RF communication system	MIMO
	Modulation mode	OFDM
	Frequency stability	±4PPM
	Bandwidth	40MHz
	Transmission Power	≥15dBm
	Receiving Sensitivity	≤-65dBm
	System latency	≤1ms
	Sending/receiving channel	1 channel for sending/4 channels for receiving
	HD video encryption protocol	HDCP 1.2
	Unobstructed Effective Range	≥30m
	Power Supply	5V _{dc}
	Consumption Current	2A±10%
	Dimensions (W x D x H)	148 x 97 x 18 (mm)
	Approx. Weight	436g (including the base)
	Operating Temperature	-10°C~50°C
	Storage Temperature	-20°C~80°C
	Operating Humidity	15~85%RH

* All the specifications are subject to minor change without prior notice.

Cautions

- The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Turn off the Camera/Monitor if the system is not in use.
- The adapter is used as the disconnect device from the mains. The adapter shall remain readily operable.
- The Camera/Monitor can only be completely disconnected from the mains by unplugging the adapter.
- Do not cut the DC power cable of the apparatus to fit with another power source.
- Attention should be drawn to the environment aspects of battery disposal.

User Manual

Wireless HDMI

Model NO.

HKWH0130PWL

Dear Customer

Thank you for purchasing this product !
For optimum performance and safety,Please read these Instructions carefully before connecting,Operating or adjusting this product. Please keep this manual for future reference.

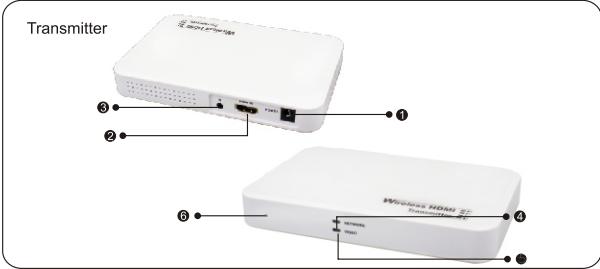
Product Features

- Instant wireless HD AV transmission;
- Transmission range in the vacancy indoor environment 30m;
- Supporting the video HDMI interface at the maximum of 1080P 60 Hz;
- Supporting HDMI and HDCP1.2 protocols;
- Supporting the EDID function;
- Supporting the IR extension transmission function;
- Transmission power 12 dBm;
- Supporting the point-to-point transmission function currently which can be expanded to the point to multi-point or multi-point to multi-point transmission function;
- Supporting the AES128-bit image encryption Function;
- Supporting the reverse back-transmission channel at the maximum rate of 100 kbs;
- Supporting OSD display;
- Supporting WHDI 1.0 specification.

Packing List

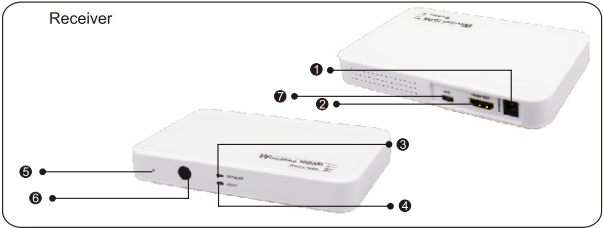


Structure



- 1 Power Input Port**
This port is connected to the 5V/2A power adapter which is 5.5mm in diameter and positive outside and negative inside.
- 2 HDMI Input Port**
This port is connected to a video cable supporting the HDMI protocol.
- 3 Output Interface for IR Remote Signals**
This interface is connected to an IR extension cable for extending the IR remote receiving function.
- 4 Wireless Network Status Indicator**
If this indicator turns green after the power supply is connected,it indicates that wireless network connection is made successfully; if this indicator is not ON, it indicates that wireless network connection fails to be made; if this indicator flashes, it indicates that the device is faulty.
- 5 Video Status Indicator**
If this indicator turns green after an HDMI cable is connected, it indicates that video connection is made successfully; if this indicator is not ON, it indicates that video connection fails to be made.
- 6 Code Key**
This key functions to: 1. Enhance transmission distance:When the distance between a transmitter and a receiver exceeds the transmission distance, press

this key on the transmitter or receiver to enhance the transmission distance.
The picture quality, however, deteriorates; 2.Enable the code matching function: Press this key on the transmitter and the receiver for 3 seconds at the same time, the codes of the machines will be matched again automatically.



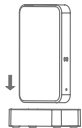
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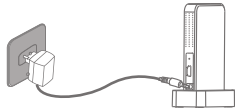
- 6 IR Remote Receiving Window**
Its function is the same as that of the remote receiving window on a set-top-box. The video source can be controlled remotely by pointing at this window.
- 7 USB port**
USB port is for updating software.

Installation for Transmitter

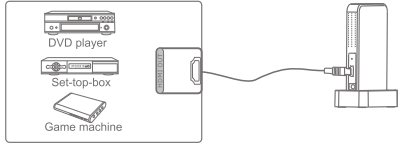
- 1. Install the transmitter on a base and then place the transmitter in a suitable position beside an HD video source.



- Note:
- * Put the antenna end upward.
 - * Do not place any article on the transmitter or beside it to avoid affecting the transmission distance and image effect.
- 2. The wireless network status indicator is ON after the transmitter power supply is connected and wireless network connection is made successfully.



- 3. The video status indicator is ON after the transmitter is connected to the video output socket of the HD source with an HD AV cable.



FCC Statement:

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC RF radiation exposure limits set forth in an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Within the 5.15–5.25 GHz band, devices will be restricted to indoor operations.