



Quick Start Guide

Wireless TV Connection with Dongle

GWHDKITD

PART NO. Q1504-b

Package Contents

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1 x GWHDKITD Transmitter	1 x IR Blaster Cable
1 x GWHDKITD Receiver	1 x IR Receiver Extender Cable
1 x 3 feet HDMI Cable	1 x Antenna
1 x HDMI Extender Cable	1 x DC5V/2A Wall Mount Switching Power Supply
1 x USB Cable	1 x Quick Start Guide

Product Introduction

This wireless HDMI video extender includes transmitter and receiver that will allow an HDMI signal to be extended up to 75 feet. IR passback allows you to control the source device from the receiver side using the video source remote control.

Features

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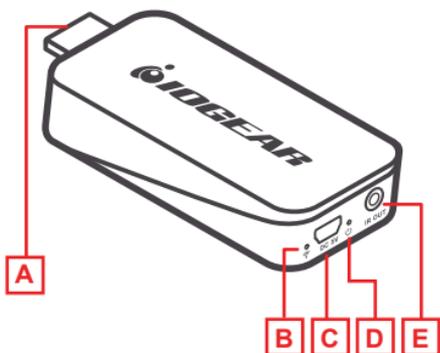
1. Compliant with HDMI 1.3 and HDCP 1.2.
2. Highest resolution up to 1080p full HD.
3. Strong anti-interference by operating at 5GHz frequency.
4. Support point to point wireless configuration.
5. Support IR pass back with 20-60KHz frequency.
6. Range up to 75 feet.
7. Plug and play, no software installation required.

System Requirements

- 1 HDMI source device (DVD, PS3, Set top box, PC, etc.)
- 1 HDMI display device (SDTV, HDTV, projector with HDMI port, etc.)

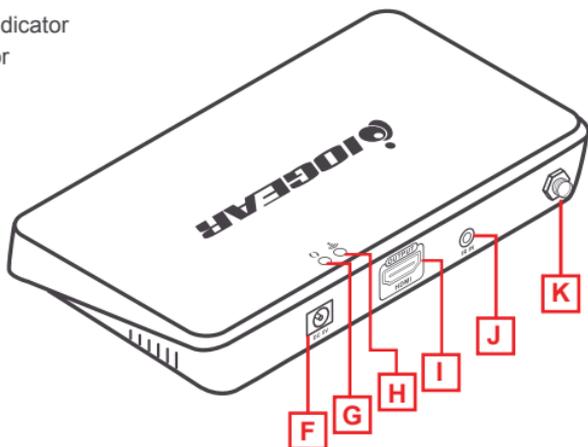
Transmitter

- A. HDMI input
- B. Wireless connection indicator
- C. Power input
- D. Power indicator
- E. IR blaster cable connector



Receiver Back

- F. Power input
- G. Power indicator
- H. Wireless connection indicator
- I. HDMI output connector
- J. IR receiver extender cable connector
- K. Antenna connector



Please read safety instructions carefully before installation and operation:

1. Please pay attention to all the warnings and hints for this device.
2. Do not expose this unit to rain, moisture or liquid.
3. Do not insert any foreign object into the device.
4. Opening the enclosure will void the warranty.
5. Place the device in a well ventilated area.
6. Use DC5V/2A only. Make sure the specification matched if using 3rd party DC adapters.

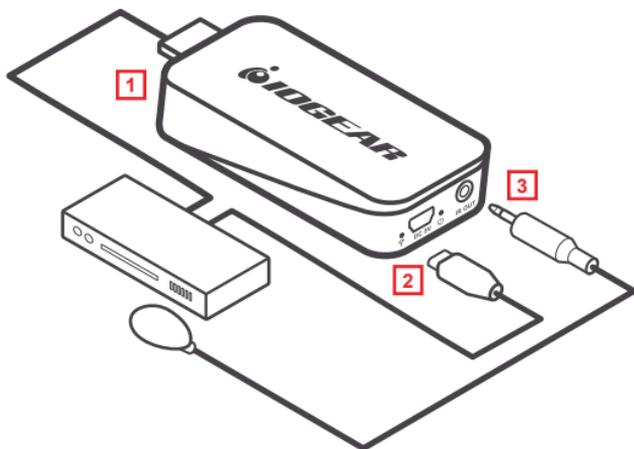
Note:

- 1) Transmission distance will vary due to the environment.
- 2) Obstructions such as wall, brick or glass will shorten the signal cover range or cause signal degradation.
- 3) Ideally works best using line-of-sight.

Transmitter

STEP 1 Insert the transmitter into an open HDMI port on the video source device (Blu-ray, computer, media player, etc.). In case the space is too tight around the HDMI port, or the position of the HDMI port is at an awkward angle and could possibly cause a connection issue, use the HDMI cable extension cable included in the package to increase the space or correct position issues.

STEP 2 Use the USB charging cable to connect the micro USB port on the transmitter to a type A USB port on the source device to obtain power. In the rare case that the source device has no USB port, please use a 5V USB power adapter with a minimum 500mA output (not included in the package).



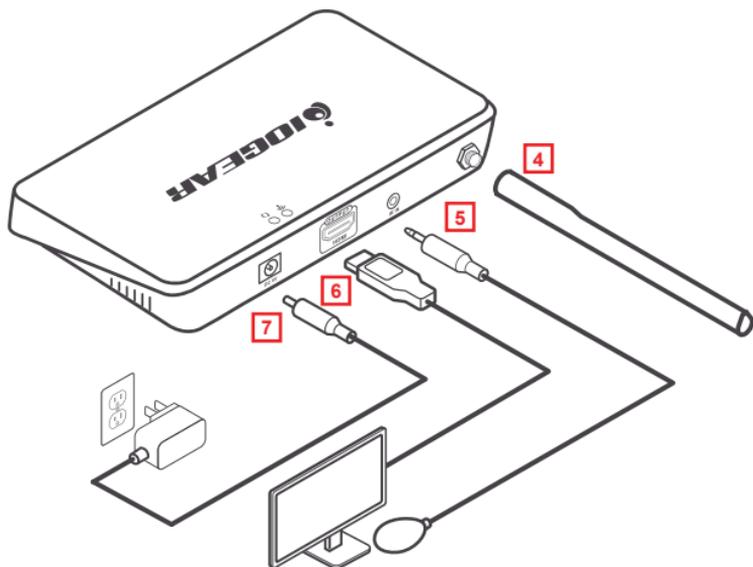
STEP 3 Skip this step if the video source device does not use an IR remote, for example, a computer. Take the IR Out for TX cable from the box, connect the IR TX cable to the IR Out port on the transmitter; peel off the protective paper from the sensor end of the cable and place it in front of the video source device with the round area of the IR TX sensor facing the IR sensor on the source device (it is very important to accurately identify the IR sensor area on the video source device, you may have to use your remote very close to the video source device to find it).

Receiver

STEP 4 Install the antenna to the receiver

STEP 5 (Disregard this step if skipped in step 3) Take the IR In for RX cable from the box, insert IR RX cable to the IR In port on the receiver; peel off the protective paper from the sensor end of the cable and place it with the round area of the IR sensor facing out towards the viewing area, the IR RX sensor must be able to receive the signal from the video source device remote control.

STEP 6 Connect one side of the HDMI cable to the receiver and the other side to your HDMI display device



STEP 7 Connect DC5V/2A power supply to the Receiver power input port

STEP 8 Power on the video source device, then power on the video display. The power indicator LED's should be lit on both the transmitter and the receiver indicating they are powered on. Once connected wirelessly, you should be able to see the video content on the video display and both wireless signal LED's should blink which indicates video is being transmitted.

NOTE: This wireless kit is designed as a same-room solution, it is not intended to go through walls.

Q Everything is connected, power LEDs are on for both devices, but no video on the video display.

- A:**
1. Make sure the video source device and the video display are turned on;
 2. Check the HDMI cable connection at both sides to make sure they are plugged in firmly;
 3. Check the video input selection on the video display device, make sure that the HDMI input port you selected is the same as the one you actually plugged in;
 4. If still no video after some time, connect the video source device to the video display directly with the HDMI cable to make sure there are no compatibility issues;
 5. If the direct connection is working. reconnect everything restart (unplug then re-plug the USB power cables) both transmitter and receiver and make sure the LEDs light up.

Q Video is not stable on the video display.

- A:**
1. Check the distance and environment, make sure no other wireless devices with a strong wireless signal is close;
 2. Change the location of the transmitter and the receiver to make sure the device is within the allowed range and there no obstacles in between;
 3. Check the HDMI cable connection at both sides to make sure they are plugged in firmly;

If all of the above has been checked and there is still no video displayed, contact IOGEAR Technical Support for further support.

Specification

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Items		Specification
Power supply	Voltage/Current	Transmitter: DC5V/1A Receiver: DC5V/2A
	Power consumption	TX < 3W Rx < 5W
HDMI performance and interface	HDMI compliance	HDMI 1.3
	HDCP compliance	HDCP 1.2
	HDMI resolution supported	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
	Supports audio formats	L/R stereo audio
	Maximum transfer rate	10.2Gbps
	Input and output TMDS signal	0.7 ~ 1.5Vp-p (TMDS)
	Input and output DDC signal	5Vp-p (TTL)
	Input cable length supported	≤ 5m (AWG26 HDMI 1.3 cable standard)
Output cable length supported	≤ 5m (AWG26 HDMI 1.3 cable standard)	
Wireless performance and interface	Transmission method	5.8G Wireless transmission
	Transmission distance	100 Feet (30.48 Meters)
	Latency	≤ 200 ms
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 ~ 40°C (32 ~ 122 °F)
	Storage temperature	-20 ~ 70°C (-4 ~ 158 °F)
	Humidity (no condensation)	0 ~ 90%
Body properties	Dimension	TX: 3.5 (W) x 1.54 (D) x 0.59 (H) in RX: 5.18 (W) x 3.74 (D) x 0.78 (H) in
	Material	Plastic
	Finishing	Grit blast
	Colour	Black
	Weight	TX: 0.06lb, RX: 0.48lb
Reliability	Mean time between failures (MTBF)	>30000 Hours

Compliance Information

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital service, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. Any changes or modifications made to this equipment may void the user's authority to operate this equipment. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Limited Warranty

This product carries a 1 Year Limited Warranty. For the terms and conditions of this warranty, please go to <https://www.iogear.com/support/warranty>

Register online at <https://www.iogear.com/register>

Important Product Information

Product Model _____

Serial Number _____

Contact

WE'RE HERE TO HELP YOU!
NEED ASSISTANCE SETTING UP THIS PRODUCT?

Make sure you:

1. Visit www.iogear.com for more product information
2. Visit www.iogear.com/support for live help and product support

IOGEAR

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www.iogear.com