



# Wireless 1080P HDMI Video Kit - Mid-Range Installation Guide

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## Introduction

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The *Wireless 1080P HDMI Video Kit - Mid-Range* transmits HDMI A/V signals up to 165ft (line-of-sight) wirelessly and supports high-definition video signals up to 1080p @60Hz. Included Wi-Fi antenna extension cable with magnetic base enables flexible placement for better signal.

## Features and Benefits

- Transmits HDMI A/V signals wirelessly up to 165ft, no complicated cable or wire installation needed
- An ideal solution to setup your home entertainment system or remote display in apartments, condos and where wiring is prohibited, also great for digital signage, POP for small business office and showrooms
- Supports high-definition vivid video up 1080p @60Hz, streaming flawless stereo audio, and works with most HDMI equipped devices including Blu-ray players, set-top boxes, AV receivers, cable/satellite boxes, and computers
- Built-in IR signal extension feature allows you to control the playback device remotely
- Plug-n-play installation, no software installation or Wi-Fi connection required, wall-mountable case design provides multiple placement options for best signal broadcasting or reception angles

## Package Contents

- *Wireless 1080P HDMI Video Kit - Mid-Range (TX &RX)*
- IR blaster extension cable
- IR receiver extension cable
- Power adapters (x2)
- Power extension cables (x2)
- RP-SMA Wi-Fi antenna extension cable with stand - 3m
- User Reference Guide

## Specifications

Transport Protocol	HDbitT
Signal Type	HDMI
HDMI version	HDMI 1.3 compatible
HDCP version	HDCP 1.2 compatible
Transmission Distance	Up to 50m (165ft) / line-of-sight
Supported Resolutions	1080p/1080i/720p/576p/576i/480p/480i
HDMI Cable Distance	Up to 2m (Input & Output)
Audio format	R/L stereo audio (2-ch)
Power	<u>Input:</u> AC 100-240V, 50/60Hz <u>Output:</u> DC 5V/3A
Color	Black
Dimensions (TX & RX)	7.69" (W) x 1.21" (H) x 5.41" (D)
Weight	Transmitter (TX): 1.17lbs Receiver (RX): 1.16lbs
Operating Temperature	32 to 104 degrees F
Storage Temperature	-4 to 158 degrees F
Operating Humidity	0% to 95% RH (non-condensing)

**Note:** The transmission distance will vary depending on building layout, electronic interference, other environmental conditions, and may be much less than the line-of-sight maximum.

## Product Layout



Figure 1: Transmitter (TX) - front side

- **Power LED:** On when the *Transmitter* is powered on
- **Data Transmission LED:**
  - Slow blinking: Establishing wireless connection
  - Fast blinking: The wireless connection is connected successfully and transmitting data
- **Connection LED:** On when the wireless connection is linked properly



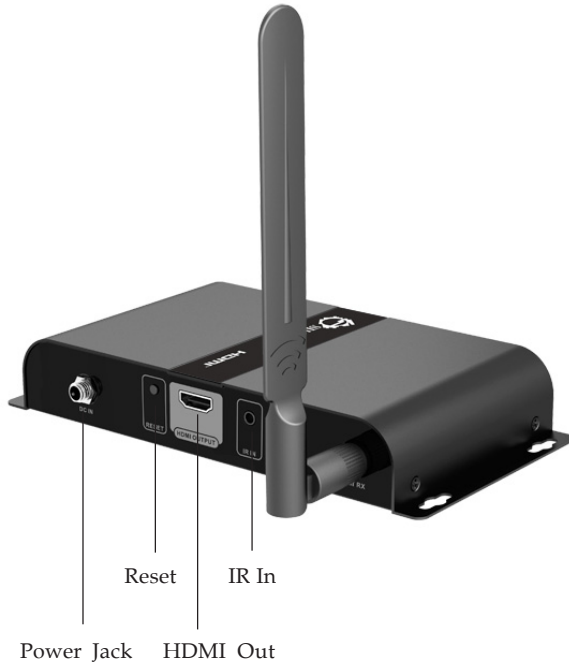
**Figure 2: Transmitter (TX) - rear side**

- **Power Jack:** Connects to the included power adapter
- **Reset:** Press when the *unit* isn't working properly
- **HDMI In:** Connects to your HDMI source with an HDMI cable (cable not included)
- **IR Out:** Infrared 3.5mm socket. Plug the IR Blaster extension cable here



**Figure 3: Receiver (RX) - front side**

- **Power LED:** On when the *Receiver* is powered on
- **Data Transmission LED:**
  - Slow blinking: Establishing wireless connection
  - Fast blinking: The wireless connection is connected successfully and transmitting data
- **Connection LED:** On when the wireless connection is linked properly



**Figure 4: Receiver (RX) - rear side**

- **Power Jack:** Connects to the included power adapter
- **Reset:** Press when the *unit* isn't working properly
- **HDMI Out:** Connects to your HDMI display with an HDMI cable (cable not included)
- **IR In:** Infrared 3.5mm socket. Plug the IR Receiver extension cable here

## IR Extension cables (20-60Hz Frequency Range)

The IR Extension feature allows you to control your HDMI source device from a remote location.



Figure 5: IR blaster extension cable (IR OUT)



Figure 6: IR receiver extension cable (IR IN)

- **IR blaster extension cable (IR OUT):** Plugs into the Transmitter's **IR Out** socket. It emits the IR signals received from the **IR receiver extension cable** of the Receiver unit and directs it to the HDMI source's IR receiver window
- **IR receiver extension cable (IR IN):** Plugs into the Receiver's **IR In** socket. It receives IR signals from the HDMI source's remote control and directs it to the **IR blaster extension cable** of the Transmitter unit

**Note:** Incorrect placement of the IR Blaster and IR Receiver extension cables may result in failure of these cables. Please check carefully before plugging in the IR cables to ensure connecting to the proper IR sockets.

## Hardware Installation

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1. Power off all devices including your HDMI source and display.
2. Install the included antennas to the TX and RX.  
Optional: Or use the included Wi-Fi antenna extension cable to connect to the RX, and mount the antenna to the ideal location for better reception.



Figure 7: RP-SMA Wi-Fi antenna extension cable with stand - 3m

3. Connect your HDMI source to the Transmitter's **HDMI IN** connector.
4. Optional: Connect the **IR Blaster extension cable** to the Transmitter's **IR Out**. Face the eye towards your HDMI device's IR window. This connection is needed only if you need to control your HDMI source from the remote location.
5. Connect your HDMI display to the Receiver's **HDMI OUT** connector with an HDMI cable (not included).
6. Optional: Connect the **IR Receiver extension cable** to the Receiver's **IR In**. This connection is needed only if you need to control your HDMI source from the remote location.
7. Plug the included power adapters into the Transmitter's and Receiver's **Power Jacks**, then plug both power adapters into reliable power outlets.
8. Power on your HDMI device and HDMI display.
9. The *device* is ready for use.



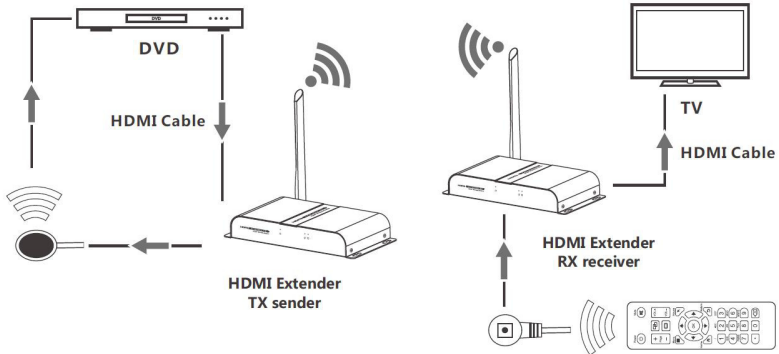


Figure 8

## Notice

- Wireless signals transmitted through walls, glass, brick or other solid objects will cause signal loss and decrease the transmission distance
- External wireless signals from microwaves, wireless mice and wireless keyboards will interfere with HDMI signal transmission
- Keep the *unit* in a well ventilated environment to prevent it from overheating
- **DO NOT** expose the *unit* to rain, moisture, or liquids
- **DO NOT** place anything on the *unit*
- **DO NOT** open the housing, doing so will void the warranty and may cause personal injury due to electronic hazard
- **DO NOT** plug-in or take-out the IR extension cables when the *unit* is powered on

## FAQ & Solutions

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**Q:** The TV displays "Waiting for connection..." on the bottom-right corner:

**A:** Check whether the power adapters of Transmitter (TX) and Receiver (RX) are connected and power LED is ON.

**Q:** The TV displays "Please check the TX input signal":

**A:** 1) Make sure the HDMI device is connected to the Transmitter (TX).

2) Use different HDMI cables.

3) If still not working, connect the HDMI device to the TV directly to see if there's a signal.

**Q:** The *unit* isn't working properly:

**A:** 1) Check the HDMI cable lengths are within 2m.

2) Check the transmission distance is within 50m (line-of-sight).

3) Press the "Reset" button on the Transmitter and Receiver units and reconnect.

4) Remove other wireless signals and move any obstacles that are blocking the signal line-of-sight.

5) Decrease the distance between the transmitter unit and the receiver unit.

# Technical Support and Warranty

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**QUESTIONS?** SIIG's **Online Support** has answers! Simply visit our web site at [www.siig.com](http://www.siig.com) and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 2-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for two (2) years from the date of purchase of the product. This warranty is not transferable and is available only to the original purchaser of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

- A) If it is within the store's return policy period, please return the product to the store where you purchased it.
- B) If your purchase has passed the store's return policy period, please follow these steps to have the product repaired or replaced.

**Step 1:** Submit your RMA request. Go to [www.siig.com](http://www.siig.com), click **Support**, then **Request A Product Replacement** to submit a request to [SIIG RMA](#) or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

**Step 2:** After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All software, cable(s) and any other accessories that came with the original package must be included
- Include a copy of your original sales receipt inside the package with date of purchase and place of purchase circled and clearly visible
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

**SIIG, Inc.**  
**6078 Stewart Avenue**  
**Fremont, CA 94538-3152, USA**  
**RMA #: \_\_\_\_\_**

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer

## About SIIG, Inc.

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Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/ Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. All centered around the distribution and switching of A/V signals over CAT5/6, these products include matrix switches, distribution amplifiers, extenders, converters, splitters, cabling, and more.

SIIG is the premier one-stop source of upgrades and is committed to providing high quality products while keeping economical and competitive prices. High-quality control standards are evident by one of the lowest defective return rates in the industry. Our products offer comprehensive user manuals, user-friendly features, and are backed by an extensive manufacturer warranty.

SIIG products can be found in many computer retail stores, mail order catalogs, and e-commerce sites in the Americas, as well as through major distributors, system integrators, VARs and e-commerce sites.

### **PRODUCT NAME**

Wireless 1080P HDMI Video Kit - Mid-Range

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

### **FCC COMPLIANCE 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.

### **THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE**

SIIG, Inc.  
6078 Stewart Avenue  
Fremont, CA 94538-3152, USA  
Phone: 510-657-8688

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