



# 1080p Wireless HDMI Extender Mini - 150m User's Guide



P/N:HDwirelessMini

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## **Important Safety Notices**

Please read safety instructions carefully before installation and operation.

- Please pay close attention to all warnings and hints for this device
- Do not expose this unit to rain, heavy moisture, or liquid
- Do not put any items into the device or attempt to modify its operation
- Do not repair the device or open the enclosure without professional guidance to avoid electric shocks. Doing so may void your warranty
- Keep the product in a well-ventilated location to avoid damage from overheating
- Shut off power and make sure environment is safe before installation
- Do not plug the HDMI cables in/out when the device is in use to avoid cable damage. Make sure they are plugged into the correct ports

## Introduction

The 1080p Wireless HDMI Extender Mini - 150m transmits HDMI signals wirelessly up to 490ft (150m) at 1080p resolution. It requires no cables between the Transmitter (TX) and Receiver (RX), making the installation easy and clean. Great for homes and offices.

**Note:** Wireless transmission distance will vary due to the environmental conditions. Thick walls, brick, glass, electronic interference, and wireless signals from other devices will shorten the wireless transmission distance or cause signal loss.

## Features

- Wireless transmission distance: 490ft (150m) at 1080p
- Works in 2.4GHz and 5GHz frequency bands
- Combines high bandwidth capacity and strong error correcting abilities
- Supports HDCP 1.3 and IEEE 802.11 a/b/g/n standard
- Supports 1.485G and TMDS clock up to 148.5MHz
- HDMI cable limitation: Up to 26ft (8m) AWG26 HDMI cable standard
- Compact, portable design with powerful embedded antennas

## **Package Contents**

- 1080p Wireless HDMI Extender Mini - 150m (1 TX and 1 RX)
- Micro USB to USB Type-A power cables (2pcs)
- HDMI cables (2pcs)
- User guide

## **Installation Requirements**

1. HDMI source device (DVD player, set top box, PC, etc.)
2. HDMI display device (SDTV/Monitor, HDTV/Monitor, projector, etc.)

## Product Layout



Figure 1: Transmitter (TX)



Figure 2: Receiver (RX)

**\*Note:** TX and RX pairing is required if a new/replacement unit is needed. See Pairing Instructions on page 7.

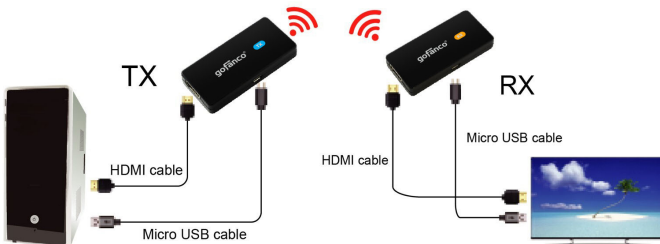
## Hardware Installation

1. Power off all devices including your HDMI source and HDMI display.
2. Connect your HDMI source device to the Transmitter's HDMI In connector with an included HDMI cable.
3. Connect your HDMI display to the Receiver's HDMI Out connector with an included HDMI cable.
4. Plug the included Micro USB power cables into the Transmitter's and Receiver's Power Jacks, then plug both power cables into a reliable USB 3.0 port or wall charger.
5. The wireless extender is ready for use.

**Note:** For optimal signal range, install in a clear environment with few obstacles. Wireless signals from other devices may interfere with transmission. Contact our technical support team if you have specific questions.

## Connection Diagram

The diagram shows the typical devices used with the wireless extender.



**Figure 3: Connection Diagram**

## Pairing Instructions

The Transmitter and Receiver units are pre-paired at the factory. When a replacement of a Transmitter or Receiver is needed, follow the pairing steps below.

1. Power off and disconnect all devices.
2. Connect the TX and RX to reliable power sources using the included Micro USB power cables.
3. Connect the transmitter's HDMI out port to the receiver's HDMI in port using an included HDMI cable.
4. Wait about 10 seconds for the pairing process to complete.
5. The extender is ready for use.

**Note:** Repeat steps 1-5 if pairing is not successful.

### 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 units 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

## FAQ & Troubleshooting

Q: No video output on the remote display:

- A:
- 1) Check the HDMI source device is powered on.
  - 2) Check the HDMI cables for solid connection. Use different HDMI cables if necessary.
  - 3) Connect the HDMI source device directly to the display to see if there is a signal.
  - 4) Pair the transmitter unit and receiver unit. See Pairing Instructions on page 7 for more information.

Q: Poor video quality:

- A:
- 1) Check the HDMI cables are connected properly. Use different HDMI cables if necessary.
  - 2) Adjust the position of transmitter unit and receiver unit, and make sure they are within the required signal range.
  - 3) Remove other wireless signals and move any obstacles that are blocking the signal line-of-sight.
  - 4) Decrease the distance between the transmitter unit and the receiver unit.
  - 5) Pair the transmitter unit and receiver unit. See Pairing Instructions on page 7 for more information.



## Specifications

Resolution	Up to 1080p@60Hz
Audio	2Ch Stereo
Bandwidth	148.5MHz (max)
Transfer Rate	1.485Gbps
HDMI Cable Length	Input & Output: up to 26ft (8m) each
Working Current	Transmitter: 800mA Receiver: 500mA
Operating Temperature	5 to 131 F (-15 to 55 C)
Dimensions (LxWxH)	TX & RX: 2.8"x1.3"x0.5" (70x33x13 mm)
Weight (TX & RX)	0.057 lb (25.7g) each

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