



Wireless 4K HDMI Dongle Extender Kit

User Manual



Thank you for purchasing from **gofanco**. Our products aim to meet all our connectivity needs wherever you go. For optimum performance and safety, please read the instructions carefully and keep this User's Guide for future reference. If you need more information about our products, please visit **www.gofanco.com**.

For technical support, email us at **support@gofanco.com**.

For drivers or manual download, please go to **www.gofanco.com/downloads**.

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.
- This product is not a toy. Keep out of reach of children.
- Keep the product in a well-ventilated location to avoid damage from overheating.
- Shut off power and make sure environment is safe before installation.
- Use the included power cable only. Make sure the specification matches if using 3rd-party DC power adapters.
- We do not accept any product responsibility for incorrect use of the product or use other than for which the product is intended.
- We do not accept liability for any consequential damage other than the legal product responsibility.

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1. Introduction

Instant 4K wireless streaming made simple. Equipped with our exclusive vPlay protocol and robust H.265 hardware processing, this compact HDMI Dongle delivers stunning 4K30Hz video directly to your screen or projector. There is no need to worry about software configuration, compatibility issues, Wi-Fi or network setups, or IT support. Our intuitive and powerful solution ensures that anyone can quickly use the system for seamless streaming.

2. Features

- **Zero Cables, Zero Mess:** Stream content seamlessly without running long cables across the room. Keep your workspace clean and modern.
- **Stunning 4K Ultra HD:** Advanced H.265 hardware decoding delivers vibrant, ultra-high-definition 4K30Hz visuals without lag or quality loss.
- **100% Driver-Free Simplicity:** No apps, no IT hassle, and no Wi-Fi passwords needed. Just plug in, click the button, and start sharing immediately.
- **Long-Range Stability:** Experience glitch-free streaming up to 30 meters (98.4ft) powered by smart 5.8GHz auto-channel selection.
- **Encrypted & Dual-Powered:** Features WPA2-AES128 data protection and versatile dual-power options (HDMI passive or USB-C) for maximum reliability.

3. Installation Requirements

- HDMI source devices
- HDMI displays device (SDTV/Monitor, HDTV/Monitor, projector, etc.)
- USB power source (5V/1A)

4. Package Contents

- Wireless 4K HDMI Dongle Extender Kit (TX & RX)
- 2x USB-A to USB-C power cable
- 1x HDMI Extender cable
- 1x User Manual

5. Product Layout



Figure 1: Transmitter layout

NO.	Name	Function Description
1	HDMI Input	Connect with HDMI source port
2	Button / LED	Short press to start streaming; long press for 5 seconds to reset
3	USB-C Port	Connect USB-A to USB-C power cable, ensure the power supply provides 5V/1A for optimal performance

LED indicator of the TX	Description
Static Red	TX system is booting on
Flashing Red	Searching for Receiver
Flashing Blue	Waiting for connection
Static Blue	Connected and presenting
Flashing purple	No video input

5. Product Layout (continued)



Figure 2: Receiver layout

NO.	Name	Function Description
1	HDMI Output	Connect to Display HDMI port
2	Button / LED	Long press 9s for factory reset
3	USB-C Port	Connect USB-A to USB-C power cable, ensure the power supply provides 5V/1A for optimal performance

LED indicator of the RX	Description
Flashing Blue	Waiting for connection
Static Blue	Connected and presenting

6. Specifications

Compliant	HDMI: 1.4 / HDCP: 2.2
WiFi Bandwidth	Up to 433 Mbps (5GHz)
Resolution	4K30Hz/1080p/1080i/720p/480p 60Hz
Latency	About 100ms latency
Protocol	WPA2-AES128 Advanced Encryption Standard
Wireless Channel	IEEE 802.11a/b/g/n/ac, 5.8GHz
Audio Format	PCM 2ch
Antennas	1x 3dBi high-sensitive Antenna
Frequency Bands	5150-5350MHz ; 5470-5725MHz; 5725-5850MHz ; 5850-5925MHz
Distance	About 30 meters in the clear line of sight
Bus power	5V/1A (USB-powered)
Product Housing	Plastic
Operating Temperature	0° to 40° C (32° to 104° F)
Storage Temperature	-10° to 60° C (-14° to 140° F)
Operating Humidity	5 to 90% RH (no condensation)
Dimensions	3.27" (L) x 0.51" (H) x 1.26" (W)
Weight	0.05 lbs
Certifications	FCC / CE / RoHS
Warranty	1 year limited
Country of origin	China

7. Hardware Installation

Start to Streaming

- Connect the receiver to the HDMI port of your display device.
- Power the receiver by connecting its USB-C port to the TV's USB-A port using the provided USB-A to USB-C cable.

Connect the transmitter's HDMI port to your PC's HDMI port, the LED will become red, when the LED light of transmitter become flashing blue, press the button, then the PC screen will transmit to receiver.

Note:

Pairing: If connecting a new/different device or experiencing connection issues, pair the transmitter and receiver before use.

Power Supply: The HDMI IN port can power the transmitter if your source provides sufficient 5V power. For maximum stability, using the included USB power supply is strongly recommended.

Pairing Guide

The transmitter and receiver are pre-paired at the factory and ready to use. Additional pairing is only needed for persistent connection issues, new transmitters, or changing receivers.

Status Check

Flashing Red (>1 min): Not paired.

Pairing Steps

Connect Receiver: Plug the receiver into your display and turn it on. Wait for the home screen to appear.

Enter Pairing Mode: Plug the transmitter into your laptop. Once its LED flashes red, press and hold the button for ~8 seconds until it flashes red rapidly, then release.

Auto-Connect: The transmitter will restart, pair, and begin streaming automatically (takes up to 1 minute).

8. Connection Diagram

Before installation, please make sure all devices you wish to connect have been turned off.

1. Connect the Transmitter to HDMI source output port
2. Connect the Receiver to display HDMI port
3. Connect the USB-C power cable to both side
4. Turn on the HDMI source and display power, the Wireless HDMI extender will start to work.

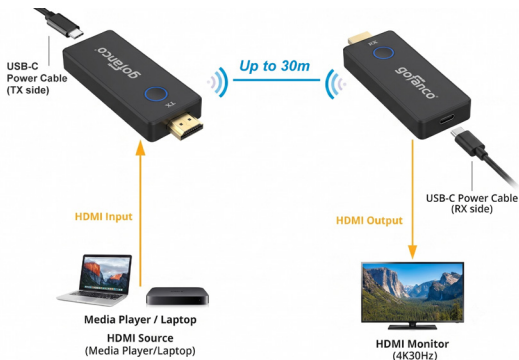


Figure 3: Connection Diagram

9. Disclaimer

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