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## IOGEAR GW4K30GH60

# IOGEAR Wireless 4K UHD HDMI Extender User Manual

Model: **GW4K30GH60** | Brand: **IOGEAR**

Uncompressed Audio/Video Streaming

## INTRODUCTION

The IOGEAR GW4K30GH60 is an ultra-high-performance wireless AV solution designed for transmitting 4K Ultra High Definition video and high-quality digital 7.1 surround sound audio. This system allows for wireless transmission from an HDMI source to a display over distances up to 50 feet with near-zero latency, making it suitable for various applications including home theater, gaming, and professional presentations.



Image: The IOGEAR GW4K30GH60 wireless HDMI extender system, featuring both the transmitter and receiver units. These compact, silver-colored devices are designed for discreet placement and efficient wireless video and audio transmission.

## PACKAGE CONTENTS

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Please verify that all items are present and in good condition upon opening the package:

- GW4K30GH60 Transmitter and Receiver Units
- 3 Foot 2.0 HDMI Cables
- 5VDC/2A Switching Power Supply

## PRODUCT FEATURES

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- **Wireless 4K UHD Streaming:** Transmits stunning 4K UHD video and high-quality audio wirelessly from HDMI sources like Blu-ray players, game consoles, laptops, and streaming devices.
- **Line-of-Sight Operation:** Requires direct line of sight between the transmitter and receiver for optimal performance. Signal does not pass through walls or ceilings.
- **Near Zero-Lag Performance:** Uncompressed video and audio with ultra-low latency ensures smooth gameplay and immersive movie experiences.
- **Crystal-Clear 4K Resolution:** Supports resolutions up to 3840 x 2160 @ 30Hz for sharp, vibrant picture quality.
- **60GHz Wireless Technology:** Utilizes a dedicated 60GHz frequency to minimize interference from common home Wi-Fi networks (2.4GHz/5GHz), ensuring stable performance.
- **50 ft In-Room Transmission Range:** Provides flexible entertainment setup with reliable wireless transmission up to 50 feet within the same room.
- **Plug-and-Play Simplicity:** Pre-paired from the factory for instant setup, requiring no software or complicated configuration.
- **Dual Power Options:** Can be powered via USB or included AC adapters, offering installation flexibility.
- **Secure, Future-Proof Connection:** Operates as a closed wireless system for secure data transfer and is HDCP 2.2 compliant for full 4K content compatibility.

## SETUP INSTRUCTIONS

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Follow these steps to set up your IOGEAR GW4K30GH60 Wireless 4K UHD HDMI Extender:

1. **Positioning the Units:** Place the transmitter unit near your HDMI source device (e.g., Blu-ray player, game console, laptop) and the receiver unit near your display device (e.g., TV, projector). Ensure a clear line of sight between the transmitter and receiver for optimal performance. Obstructions like walls or furniture can interfere with the signal.



Image: A diagram illustrating the typical setup for the IOGEAR GW4K30GH60. It shows an HDMI-enabled computer or Blu-ray player connected to the 60GHz Wireless Transmitter, which then wirelessly transmits the signal up to 50 feet to the 60GHz Wireless Receiver, connected to an HDMI-enabled projector or TV/display, supporting 4K Ultra HD resolutions up to 3840 x 2160 @ 30Hz.

## 2. Connect the Transmitter:

- Connect one end of an HDMI cable (included) to the HDMI output port of your source device.
- Connect the other end of the HDMI cable to the **HDMI IN** port on the IOGEAR GW4K30GH60 transmitter unit.
- Connect the power adapter to the **DC 5V** port on the transmitter unit and plug it into a power outlet. Alternatively, power via a USB port if available on your source device.

## 3. Connect the Receiver:

- Connect one end of an HDMI cable (included) to the **HDMI OUT** port on the IOGEAR GW4K30GH60 receiver unit.
- Connect the other end of the HDMI cable to an HDMI input port on your display device (e.g., TV, projector).
- Connect the power adapter to the **DC 5V** port on the receiver unit and plug it into a power outlet. Alternatively, power via a USB port on your display device if available.



Image: A detailed view of the IOGEAR GW4K30GH60 transmitter and receiver units, highlighting their various ports including HDMI In/Out, DC 5V power input, and micro USB ports for alternative power or service. This image helps in

identifying the correct connection points during setup.

4. **Power On:** Ensure both the transmitter and receiver units are powered on. The units are pre-paired from the factory and should automatically establish a connection.
5. **Select Input:** On your display device, select the correct HDMI input source to which the receiver is connected.
6. **Verify Connection:** Once connected, the video and audio from your source device should appear on your display.

## OPERATING INSTRUCTIONS

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The IOGEAR GW4K30GH60 is designed for simple, plug-and-play operation. Once set up, it generally requires minimal interaction.

- **Automatic Connection:** The transmitter and receiver units are pre-paired and will automatically connect when powered on and within range with a clear line of sight.
- **Signal Stability:** Maintain a clear line of sight between the transmitter and receiver for the most stable and high-quality signal. Avoid placing objects that could obstruct the signal path.
- **Resolution and Refresh Rate:** The system supports 4K UHD resolutions up to 3840 x 2160 at 30Hz. Ensure your source device and display are configured to compatible resolutions for optimal performance.
- **Audio Transmission:** High-quality digital 7.1 surround sound audio is transmitted along with the video signal. Ensure your display or audio system is configured to receive and process this audio.

## MAINTENANCE

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To ensure the longevity and optimal performance of your IOGEAR GW4K30GH60, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the units. Do not use liquid cleaners or aerosol sprays, as they may damage the device.
- **Ventilation:** Ensure the units are placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Storage:** When not in use for extended periods, store the units in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Ensure all connected cables are not kinked or strained, which could lead to damage over time.

## TROUBLESHOOTING

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If you encounter issues with your IOGEAR GW4K30GH60, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No video or audio output.	No power to units. Incorrect HDMI connections. No line of sight between units. Display input not selected correctly.	Ensure both transmitter and receiver are powered on. Verify all HDMI cables are securely connected to the correct ports. Ensure a clear, unobstructed line of sight between the transmitter and receiver. Select the correct HDMI input on your display device.
Intermittent signal or pixelation.	Obstruction in signal path. Units too far apart. Interference from other devices.	Remove any objects blocking the line of sight. Reduce the distance between the transmitter and receiver (max 50 ft). Ensure no other 60GHz devices are operating nearby.
Picture quality is not 4K.	Source device outputting lower resolution. Display device not 4K compatible.	Check the resolution settings on your source device and ensure it's set to 4K (3840x2160 @ 30Hz). Confirm your display device supports 4K resolution.

## SPECIFICATIONS

Feature	Detail
Model Number	GW4K30GH60
Max Screen Resolution	3840 x 2160 @ 30Hz
Wireless Type	Radio Frequency (60GHz)
Transmission Range	Up to 50 feet (line of sight)
Audio Support	7.1 Surround Sound
HDCP Compliance	HDCP 2.2
Item Weight	1 pound
Product Dimensions (LxWxH)	1.13 x 4 x 3 inches
Color	Silver
Manufacturer	IOGEAR

## WARRANTY AND TECHNICAL SUPPORT

The IOGEAR GW4K30GH60 includes a **1 Year Limited Hardware Warranty**. For troubleshooting assistance, warranty claims, or additional instructions, please refer to the official product resources or contact IOGEAR technical support.



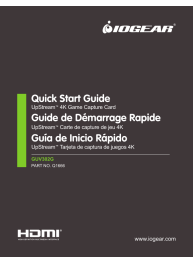

IOGEAR also provides **Lifetime Technical Support** for this product.

For further assistance, visit the official IOGEAR website or contact their customer service department.

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This manual is for informational purposes only. Specifications are subject to change without notice.

## Related Documents - GW4K30GH60

	<p><a href="#">IOGEAR GW4K30GH60 Wireless 4K 30Hz Video Extender Quick Start Guide</a></p> <p>Concise guide for setting up the IOGEAR GW4K30GH60 60GHz Wireless 4K @ 30Hz Video Extender. Includes package contents, system requirements, hardware installation, overview, FAQ, compliance, and warranty information.</p>
	<p><a href="#">IOGEAR GW4K30GH60KIT Ultra-Fast 60GHz Wireless 4K UHD Transmitter &amp; Receiver Kit Quick Start Guide</a></p> <p>Quick start guide for the IOGEAR GW4K30GH60KIT, an ultra-fast 60GHz wireless 4K UHD transmitter and receiver kit for 2 TVs. This guide provides essential information for setup, operation, and troubleshooting.</p>
	<p><a href="#">IOGEAR UpStream 4K Game Capture Card GUV302G Quick Start Guide</a></p> <p>Quick start guide for the IOGEAR UpStream 4K Game Capture Card (GUV302G). Covers hardware setup, video/audio configuration with OBS, system requirements, and warranty information.</p>
	<p><a href="#">IOGEAR GUWAVKIT4B Wireless 1080p Computer to HD Display Kit User Manual</a></p> <p>User manual for the IOGEAR GUWAVKIT4B Wireless 1080p Computer to HD Display Kit. This guide provides detailed instructions on software installation, hardware setup, configuration, and troubleshooting for wirelessly streaming 1080p video and audio from a computer to an HDTV or projector.</p>



### [IOGEAR GHSW8431 3-Port True 4K HDMI Switch Quick Start Guide](#)

Quick start guide for the IOGEAR GHSW8431 3-Port True 4K HDMI Switch. Learn about package contents, system requirements, installation, and operation.



### [IOGEAR GHSP8422B/GHSP8424B 2/4-Port 4K HDMI Splitter Quick Start Guide](#)

Quick start guide for the IOGEAR GHSP8422B and GHSP8424B 2/4-port 4K HDMI splitter. Learn about package contents, system requirements, hardware installation, FAQ, compliance, and warranty.