

备注

H22071 (ORE01) 说明书: 0106020147646

材质: 100克书纸

尺寸: 111x146mm

装订方式: 骑马钉



**4K@60Hz 50Meter Wireless
HDMI Extender with IR**

WUHD-165-K

www.orei.com

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USER MANUAL

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Thank you for purchasing this product

For optimum performance and safety, please read these instructions care-fully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

Registration page

Introduction

Please Activate your warranty by registering your product through the link below - www.orei.com/register

Technical Support

Need Help?

Our experienced Technical Support Team is here for you to answer your questions, give technical advice or help troubleshoot your project to get you installed on time and on budget. Call, email or chat with us now.

OREI Live Technical Support Hours

US team (US/Canada/Mexico): Monday-Friday, 9 a.m. - 6 p.m. Central Time

Support Email - info@orei.com | **Support Number** - 877-290-5530

Or

Chat Live on www.orei.com

Send us an instant message now. Our Technical Support Team will respond momentarily. Available during live support hours.

The WUHD-165-K Wireless HDMI Extender can extend an HDMI signal up to 165 feet(50m) with 4K@60Hz resolution. The device uses ipcolor STREAM Technology to deliver high-definition, low-latency video transmission. 5G wireless frequency bands provide a number of advantages over traditional 2.4GHz and 5GHz bands, including stability, speed, security, and anti-interference. The device features an HDMI loop output on the Transmitter to connect a display near the source. It supports 1-to-1 wireless transmission, effectively solving problems caused by complicated wiring. It's an ideal wireless video transmission solution for video conferences, home entertainment, multimedia education, etc.



Features & Package Contents

1. HDMI 2.0 & HDCP1.1/2.2 Compliant
2. Video resolutions up to 4K@60Hz
3. Wireless transmission up to 50M/165Ft line of sight.
4. HDMI Loop out at the Transmitter to connect a display near the source.
5. SSID Pairing and Channel Switching to avoid interference with other nearby devices.
6. One-way IR Control from Receiver to Transmitter.
7. 5G wireless frequency bands for strong anti-interference.
8. Plug & Play setup, no drivers or software required.

Package Contents

1.	WUHD-165-K Transmitter	1 pcs
2.	WUHD-165-K Receiver	1 pcs
3.	IR Blaster Cable	1 pcs
4.	IR Receiver Cable	1 pcs
5.	Antenna	4 pcs
6.	Mounting Ear	4 pcs
7.	Screw	10 pcs
8.	Grounding Screw	2 pcs
9.	Power Adapter	2 pcs
10.	User Manual	1 pcs

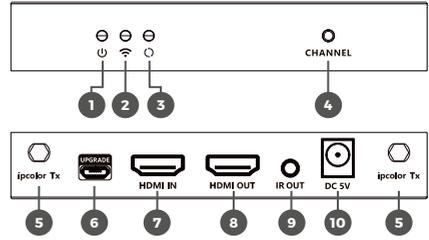
Specifications

Technical	
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 1.1/2.2
Video Bandwidth	18Gbps
Video Resolution	4K@24/30/50/60Hz, 2K@50/60Hz, 2560x1600, 1080P@50/60Hz, 720P@50/60Hz, 1920x1200
Color Depth	8/10/12 Bit
Color Space	YUV 4:4:4, YUV 4:2:2 & RGB
Audio Formats	PCM
Transmission Distance	< 50m / 165ft
Connection Type	One-to-one
Wi-Fi Frequency bands	5.18-5.24 GHz
Latency	130-180ms
ESD Protection	1a Contact discharge level 3 1b Air discharge level 3 Standard: IEC61000-4-2
Connections	
Transmitter:	Input: 1 x HDMI IN [Type A, 19-pin female] 1 x Upgrade [Micro-USB] 1 x DC 5V [Power Input] Output: 1 x IR OUT [3.5MM Jack]
Receiver:	Input: 1 x IR IN [3.5MM Jack] 1 x Upgrade [Micro-USB] 1 x DC 5V [Power Input] Output: 1 x HDMI OUT [Type A, 19-pin female]

Specifications

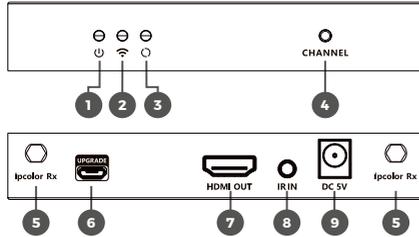
Operation controls and functions

Mechanical	
Housing	Iron
Color	Black
Dimensions	125mm [L] x 115mm [W] x 20.6mm [H]
Weight	TX: 353g / 12.5oz; RX: 346g / 12.2oz
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 5V/2A (US/EU standards, CE/FCC/UL certified)
Power Consumption	TX ≤ 6W, RX ≤ 4W
Operating Temperature	-20°C - 60°C / -4°F - 140°F
Storage Temperature	-30-70 C / -22°F - 158°F
Relative Humidity	0-90% RH (non-condensing)



No.	Name	Function
1	Power Indicator	The indicator will light up blue when active power is received
2	Wi-Fi Indicator	a) Slow flash: Waiting for connection b) Steady: Connection successful c) Quick flash: SSID Pairing mode
3	Signal Indicator	a) Light off: No HDMI signal b) Steady: HDMI signal transmitting normally c) Quick flash: Restore factory settings
4	Channel Switch Button	a) Press to switch channels b) Press and hold for 5s for SSID pairing c) Press and hold for 10s to restore to factory settings
5	Antenna Connectors	Connect the included antennas
6	Micro-USB port	Used for firmware upgrade
7	HDMI Input	Connect a media source device such as a Blu-ray player, set-top box, etc.
8	HDMI Output	Connect a display device such as a monitor, TV, etc.
9	IR Out	Connect the included IR Blaster cable
10	Power Input	Connect the included power adapter

Operation controls and functions

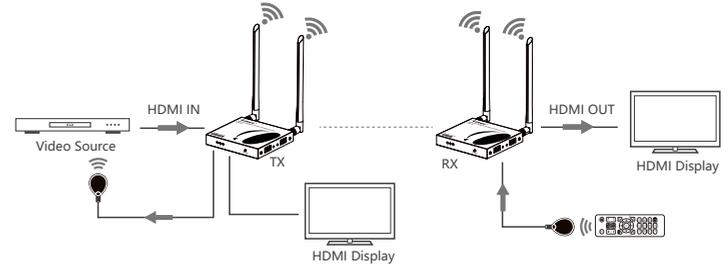


No.	Name	Function
1	Power Indicator	The indicator will light up blue when active power is received
2	Wi-Fi Indicator	a) Slow flash: Waiting for connection b) Steady: Connection successful c) Quick flash: SSID Pairing mode
3	Signal Indicator	a) Light off: No HDMI signal b) Steady: HDMI signal transmitting normally c) Quick flash: Restore factory settings
4	Channel Switch Button	a) After connecting with the Transmitter, press to switch channels b) Press and hold for 5s for SSID pairing c) Press and hold for 10s to restore to factory settings
5	Antenna Connectors	Connect the included antennas
6	Micro-USB port	Used for firmware upgrade
7	HDMI Output	Connect a display device such as a monitor, TV, etc.
8	IR in	Connect the included IR Receiver cable
9	Power Input	Connect the included power adapter

Application Example

Description

Connection Diagrams



Connection Instructions

1. Connect the source device to the HDMI IN port on the Transmitter and connect your local display to the HDMI OUT port.
2. Connect the IR Blaster cable to the IR OUT port on the Transmitter and place the blaster near the IR window on the source device.
3. Connect a display at the secondary location to the HDMI OUT on the Receiver and the IR Receiver cable to the IR IN.
4. Plug in the included power adapters on both ends to start the devices.

Application Example

5. SSID Pairing

- A. Enter the SSID pairing mode by holding the Transmitter and Receiver's Channel switch buttons for five seconds. Both Wi-Fi connection indicators will flash quickly in yellow.
- B. When the SSID pairing is successful, the Wi-Fi indicators on the transmitter and receiver will change from quick flashing to slow flashing or steady on.

Note: In case of multiple sets of the WUHD-165-K being used at the same time in the same area, to prevent mutual interference, switch each set of Transmitters and Receivers to a different channel after they have been manually paired with the SSID.

NO.	Frequency
Channel 1	5.180 GHz
Channel 2	5.200 GHz
Channel 3	5.220 GHz
Channel 4	5.240 GHz