

备注

H22016 (ORE01) 说明书：0106020147644

材质：100克书纸

尺寸：111x146mm

装订方式：骑马钉



**4K@60Hz 20Meter Wireless
HDMI Extender with IR**

WUHD-66M-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

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.

Introduction

The WUHD-66M-K Wireless HDMI Extender can extend an HDMI signal up to 65 feet(20m) with 4K@60Hz resolution. The device uses ipcolor STREAM Technology to deliver high-definition, low-latency video transmission. 5G wireless frequency bands provide several advantages over traditional 2.4GHz and 5GHz bands, including stability, speed, security and anti-interference. The product features HDMI male connectors on both ends thus removing the need for HDMI cables. It supports 1-to-1 wireless transmission, effectively solving problems caused by complicated wiring. It's an ideal wireless video transmission solution for office meetings, 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 20M/65Ft line of sight.
4. HDMI male connectors on both ends, removing the need for HDMI cables.
5. SSID Pairing and Channel Switching to avoid interference with other nearby devices.
6. 5G wireless frequency bands for strong anti-interference.
7. Plug & Play setup, no drivers or software required.

Package Contents

1.	WUHD-66M-K Transmitter	1 pcs
2.	WUHD-66M-K Receiver	1 pcs
3.	Micro-USB Cable	2 pcs
4.	User Manual	1 pcs

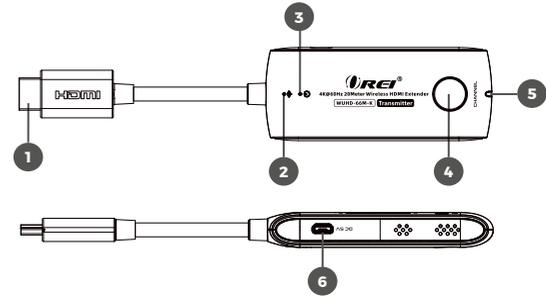
Specifications

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@60Hz
Color Depth	8/10/12 Bit
Color Space	YUV 4:4:4, YUV 4:2:2 & RGB
Audio Formats	PCM
Transmission Distance	≤ 20m / 65ft
Connection Type	One-to-one
Wi-Fi Frequency bands	5.18-5.24 GHz
Latency	100-250ms
ESD Protection	1a Contact discharge level 3 1b Air discharge level 3 Standard: IEC61000-4-2
Connections	
Transmitter:	Input: 1 x HDMI [Type A, 19-pin male] 1 x DC 5V [Micro-USB Power Input]
Receiver:	Input: 1 x DC 5V [Power Input] Output: 1 x HDMI [Type A, 19-pin male]

Specifications

Mechanical	
Housing	ABS Plastic
Color	Black
Dimensions	230mm [L] x 40.2mm [W] x 15mm [H]
Weight	TX: 58g / 2oz, RX: 54g / 1.9oz
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	TX ≤ 4.5W, RX ≤ 3.5W
Operating Temperature	-20°C ~ 50°C / -4°F ~ 122°F
Storage Temperature	-30-70°C / -22°F ~ 158°F
Relative Humidity	0-90% RH (non-condensing)

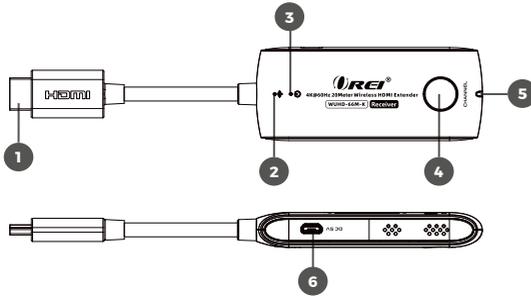
Operation controls and functions



No.	Name	Function
1	HDMI Input	Connect to an HDMI port on the source device
2	Wi-Fi Indicator	a) Slow flash: Waiting for connection b) Steady: Connection successful c) Quick flash: SSID Pairing mode
3	Power Indicator	The indicator will light up red when active power is received
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	Signal Indicator	a) Light off: No HDMI signal b) Steady: HDMI signal transmitting normally c) Quick flash: Restore factory settings
6	Micro-USB port	For power input and firmware upgrade

Operation controls and functions

Application Example



No.	Name	Function
1	HDMI Input	Connect to an HDMI port on the display device
2	Wi-Fi Indicator	a) Slow flash: Waiting for connection b) Steady: Connection successful c) Quick flash: SSID Pairing mode
3	Power Indicator	The indicator will light up red when active power is received
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	Signal Indicator	a) Light off: No HDMI signal b) Steady: HDMI signal transmitting normally c) Quick flash: Restore factory settings
6	Micro-USB port	For power input and firmware upgrade

Description

Connection Diagrams



Connection Instructions:

1. Connect the Transmitter to an HDMI output port on the source device.
2. Connect the Receiver to an HDMI input port on the display device.
3. Plug the power supply into the devices to start them up.
4. 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 blue.
 - 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-66M-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.

Application Example

Note: You can use a USB port on your source to power the devices through the included cables. However, it is recommended to use a DC 5V/1A Power Adapter when transmitting a 4K signal or if you face any issues with the signal.

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