



Introduction

This is a 4K@60Hz HDMI wireless extender, including a transmitter and a receiver. Adopting ipcolor STREAM technology can realize high definition and low-latency transmission. Based on the 5G wireless frequency band, with stable anti-interference and safety performance. It supports 1-to-1 wireless transmission, and the transmission distance can reach 50 meters, effectively solving problems caused by complicated wiring. It's an ideal wireless video transmission solution for video conferences, home entertainment, multimedia education, etc.

Note:

- 1) Transmission distances may vary depending on the environment.
- 2) Signals may be reduced or completely lost by solid structures such as walls, bricks, and glass.
- 3) The surrounding wireless signal may cause certain interference to the transmission, and the channel can be switched to reduce the interference.

Features

1. Adopting ipcolor STREAM technology can realize high definition and low-latency transmission.
2. Support up to 3840x2160@60Hz resolution, backward compatible.
3. Support wireless transmission up to 50 meters (line of sight).
4. The transmitter supports HDMI loop out.

5. In case of multiple sets of products in the same area, support SSID pairing
6. and channel switching to avoid interference.
7. Support IR pass back.
8. Support 5G wireless frequency bands, strong anti-interference.
9. Support firmware upgrade via Micro USB port.

Specifications

Brand	EiRA	
SKU Code	ER2671WEX	
Item Name	HDMI WIRELESS EXTENDER (50M) 4K60Hz	
HDMI Performance and Interface	HDMI version	HDMI 2.0
	HDCP version	HDCP 1.4/HDCP 2.2
	Maximum transfer rate	18Gbps
	Resolution supported	3840x2160@24/30/50/60Hz,1080P@50/60Hz, 720P@50/60Hz, 1920x1200, 2560x1440, 2560x1600
	Input and output TMDS signal	0.7~1.2Vp-p (TMDS)
	Input and output DDC signal	5Vp-p (TTL)
Transmission	Wi-Fi Frequency bands	5.18~5.24 GHz
	Transmission distance	≤ 50m
	Latency	130~180ms
	Connection types	One-to-one
	SSID pairing	Supported
Protection Level	ESD protection	1a Contact discharge level 3 1b Air discharge level 3 Standard: IEC61000-4-2
IR Performance	Infrared frequency	20~60kHz
	Receiving range	≤ 5m
Power Supply	Voltage/Current	DC 5V/2A
	Power consumption	TX ≤ 6W, RX ≤ 4W
	Working temperature	-20~60℃

HDMI WIRELESS EXTENDER (50M) 4K60Hz (ER2671WEX)

Operating Environment	Storage temperature	-30~70℃
	Humidity (no condensation)	0~90% RH
Physical Properties	Dimension	TX: 115(W) x 125(L) x 20.6(H) mm RX: 115(W) x 125(L) x 20.6(H) mm
	Colour	Black
	Material	Iron
	Net weight	TX: 353g; RX: 346g

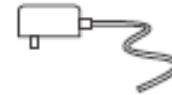
Package Contents



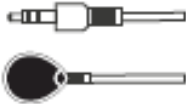
Transmitter x1



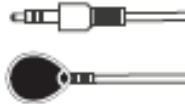
Receiver x1



5V 2A power
adapter x2



IR receiver extension
cable x1



IR blaster extensio
cable x1



Antenna x4



Mounting ear x4



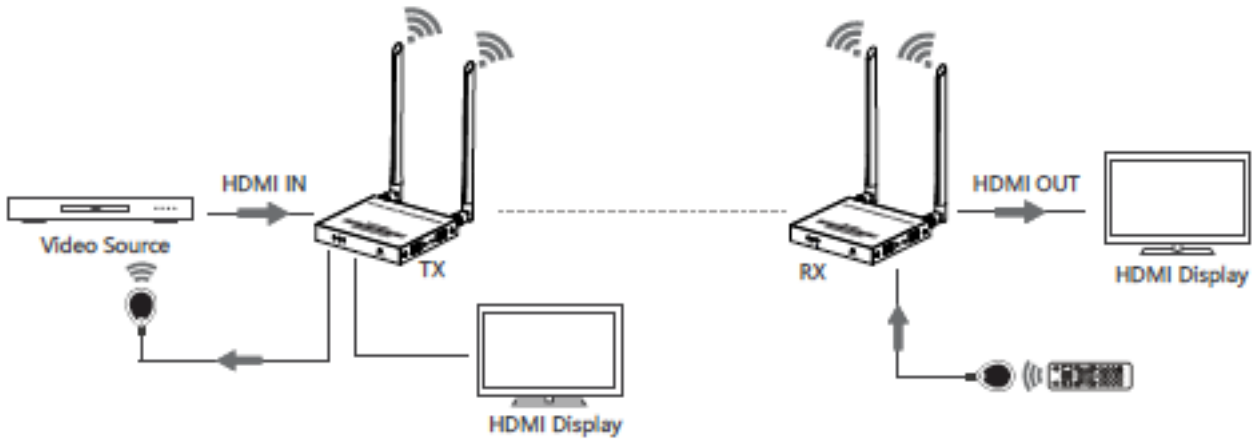
Screw x10



Grounding
screw x2

Connection

One to one connection



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