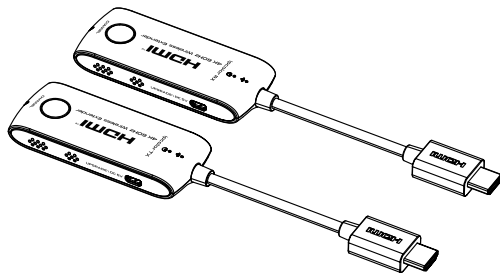


*TrueReach*

# HDMI Wireless **EXTENDER** 4K/60Hz Point to Point Extender



**User Manual**

Y10G009-B2



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## Important Safety Notice

- **Electrical Safety:** Always ensure that all connected devices are properly grounded to avoid the risk of electric shock.
- **Heat Exposure:** Keep this device away from radiators, heat registers, and direct sunlight to prevent overheating.
- **Placement Stability:** Place the device on a stable, level surface. Positioning it on an uneven or unstable surface may cause it to fall, potentially leading to damage or malfunction.
- **Water Protection:** Avoid exposing the device to rain or placing it near water sources. Contact with liquids can result in malfunctions, fire hazards, or electric shock.
- **Power Supply Requirements:** When using a third-party power supply, ensure its specifications align with the product's requirements to maintain optimal performance and safety.
- **Equipment Protection:** Ensure the transmitter and receiver are not interchanged during installation.
- **Environment:** Install the devices in a dry, well-ventilated environment.

## Introduction

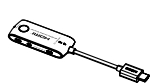
The Premium Rocstor TrueReach HDMI Wireless Extender delivers seamless 4K resolution at 60Hz, providing a high-performance wireless HDMI solution with both a transmitter and receiver. Engineered with advanced ipcolor STREAM technology, it ensures high-definition transmission with minimal latency for a superior viewing experience. Operating on the reliable 5G wireless frequency band, it offers strong anti-interference capabilities and secure performance. Supporting 1-to-1 wireless transmission, it extends signals up to 65 feet (20m), eliminating the hassle of complex wiring. Perfect for video conferencing, home entertainment, and multimedia education, this extender is the ultimate solution for effortless wireless video transmission.

- Transmission distances may vary based on environmental factors.
- Solid structures such as walls, bricks, and glass may weaken or completely block the signal.
- Nearby wireless signals may cause interference; switching channels can help optimize transmission performance.

## Features

- **Advanced ipcolor STREAM Technology:** Ensures high-definition transmission with minimal latency.
- **4K UHD Resolution:** Supports up to 4096×2160@60Hz and is backward compatible with lower resolutions.
- **Extended Wireless Range:** Provides seamless transmission up to 65 feet (20m) line of sight.
- **Interference Prevention:** Features SSID pairing and channel switching for optimal performance in multi-device environments.
- **Reliable 5G Wireless Connectivity:** Offers strong anti-interference capabilities for stable operation.
- **Firmware Upgradable:** Supports easy updates via a Micro USB port.
- **Compact & User-Friendly:** Designed for portability with a plug-and-play setup.

## Package Contents



Transmitter x1



Receiver x1



Micro USB Cable x2

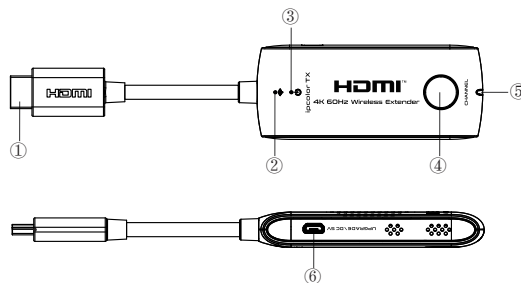


User Manual x1

## Installation Requirements

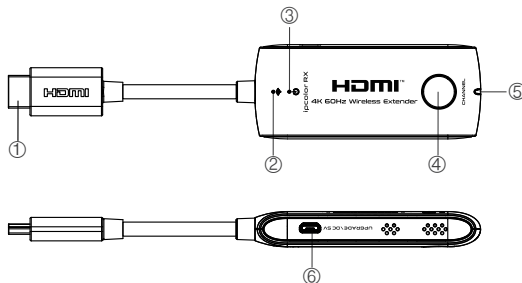
- HDMI source device (DVD, game console, PC, etc.)
- HDMI display device (TV, projector, LED screen, etc.)

## Panel Description: Transmitter (TX)



①	HDMI input	Connect with HDMI source device
②	WiFi indicator	a) Slow flash: waiting for connection b) Steady on: connection succeeded c) Quick flash: SSID Pairing mode
③	Power indicator	The indicator will turn red when the power is turned on
④	Channel switch button	a) press to switch channels b) Press and hold 5s for SSID pairing c) Press and hold 10s for restore factory settings
⑤	Signal indicator	a) Light off: no HDMI signal b) Steady on: HDMI signal is transmitting c) Quick flash: restore factory settings
⑥	Micro USB port	For power input and firmware upgrade

## Panel Description - Receiver (RX)



①	HDMI output	Connect with HDMI display device
②	WiFi indicator	a) Slow flash: waiting for connection b) Steady on: connection succeeded c) Quick flash: SSID Pairing mode
③	Power indicator	The indicator will turn red when the power is turned on
④	Channel switch button	a) After connecting with TX, press to switch channels b) Press and hold 5s for SSID pairing c) Press and hold 10s for restore factory settings
⑤	Signal indicator	a) Light off: no HDMI signal b) Steady on: HDMI signal is transmitting c) Quick flash: restore factory settings
⑥	Micro USB port	For power input and firmware upgrade

## Installation Procedures

### 1. Connection Diagrams

One to one connections:



### 2. Connection Instructions

- Connect the transmitter to the HDMI output port of the signal source device.
- Connect the receiver to the HDMI input port of the display device.
- Plug the power supply into the devices to get started.

**Note:** Please connect the Micro USB cable to the 5V 1A wall charger when transmitting 4K video, for long-distance use or when the picture is not smooth.

### 3. SSID Pairing

- Enter the SSID pairing mode by holding the transmitter and receiver's channel switch buttons for five seconds. Both WiFi connection indicators will flash quickly in blue.
- When the SSID pairing is successful, the WiFi indicators on the transmitter and receiver will change from quick flashing to slow flashing or steady on.

Number	Frequency
Channel 1	5.180 GHz
Channel 2	5.200 GHz
Channel 3	5.220 GHz
Channel 4	5.240 GHz

### Why can't the receiver and transmitter connect, displaying "Search ipcolor Tx..." on the screen?

- Move the transmitter and receiver closer.
- Power cycle the transmitter and receiver.
- Re-pair the transmitter and receiver.

### Why is the Wi-Fi indicator steady, but the screen displays "Please check the TX input signal"?

- Ensure the TX has an active HDMI input and that the resolution is within the specified range.
- Connect the signal source directly to the display device, or try changing the signal source and HDMI cable before testing again.

### Why is the display stuttering or unstable?

- Position the transmitter and receiver within the recommended signal range and minimize obstructions.
- Switch to a different channel to reduce interference from other wireless signals.
- Power cycle the receiver and transmitter.

Items		Specifications
Power Supply	Voltage/Current	Micro USB power supply (5V/1A)
	Power consumption	TX < 4.5W, RX < 3.5W
HDMI Performance and Interface	HDMI version	HDMI 2.0
	HDCP version	HDCP 1.4/HDCP 2.2
	Max transmission rate	18Gbps
	Resolution supported	4096x2160@24/30/50/60Hz (YUV 4:4:4, YUV 4:2:2 and RGB), 3840x2160@24/30/50/60Hz (YUV 4:4:4, YUV 4:2:2 and RGB), 1080P@50/60Hz, 720P@50/60Hz, 1920x1200@60Hz
	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	≤ 20m
	Latency	100~250ms
	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
Operating Environment	Working temperature	-20~60 °C
	Storage temperature	-30~70 °C
	Humidity (no condensation)	0~90% RH
Physical Properties	Dimension	TX: 40.2(W) * 230(L) * 15.0(H)mm RX: 40.2(W) * 230(L) * 15.0(H)mm
	Color	Black
	Material	ABS
	Net weight	TX: 58g; RX: 54g

## Contact

### Corporate Headquarters

12979 Arroyo St  
San Fernando, CA 91340 - USA

Office: +1 (818) 727-7000  
Fax: +1 (818) 875-0002  
Email: [info@rocstor.com](mailto:info@rocstor.com)

### Technical Support / Sales Info / RMA

Hours: 9:00 am - 5:00 pm PST  
Mon - Fri (excluding holidays)

Tell: +1 (818) 727-7000 (DOM/INTL)  
Fax: +1 (818) 875-0002  
Email: [support@rocstor.com](mailto:support@rocstor.com)

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