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Corporate, Government and Academic Customers

Our Corporate Sales Team's goal is to help our U.S.A. and Canadian customers find a storage solution that best serves their needs. We will help you determine your best purchasing options. For more information please contact the appropriate department below or call us at +1 (818) 727-7000.

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rocstor®

TrueReach 4K/60Hz USB Type-C to HDMI Wireless **EXTENDER** Point to Point Extender



User Manual
Y10G010-B1

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

Important safety notice

- 1- Avoid exposing this device to rain or placing it near water, as any liquid entering the device may lead to failure, fire, or electric shock.
- 2- Never insert metallic objects into the open parts of this device to prevent the risk of electric shock.
- 3- Ensure that any repairs to the device are conducted only by a qualified technician.
- 4- Avoid placing this device near radiators, heat registers, or in direct sunlight to prevent potential damage.

Introduction

This TrueReach is a 4K@60Hz USB Type-C wireless extender, consisting of a transmitter and a receiver. Utilizing ipcolor STREAM technology, it achieves high-definition, low-latency transmission. Operating on the 5G wireless frequency band, it offers stable anti-interference and safety performance. Supporting 1-to-1 wireless transmission, it can reach distances of up to 20 meters, effectively eliminating the need for complicated wiring. Ideal for applications such as video conferences, home entertainment, and multimedia education, it provides an optimal wireless video transmission solution.

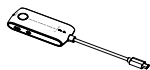
Note:

- 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.

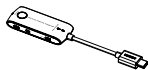
Features

- Utilizing ipcolor STREAM technology enables high-definition and low-latency transmission.
- Supports resolutions up to 3840x2160@60Hz, with backward compatibility.
- Supports wireless transmission up to 20 meters (line of sight).
- Offers SSID pairing and channel switching capabilities to avoid interference when multiple sets are used in the same area.
- Utilizes 5G wireless frequency bands for strong anti-interference performance.
- Supports firmware upgrades via Micro USB port.
- Features a portable design for plug-and-play convenience.

Package Contents



Transmitter x1



Receiver x1



Micro USB cable x1

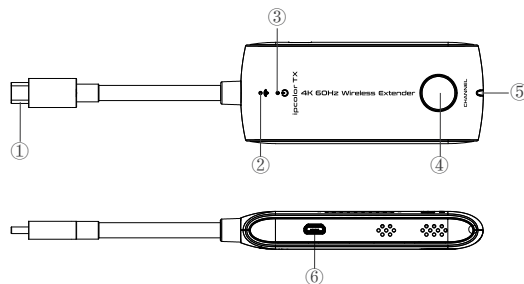


User manual x1

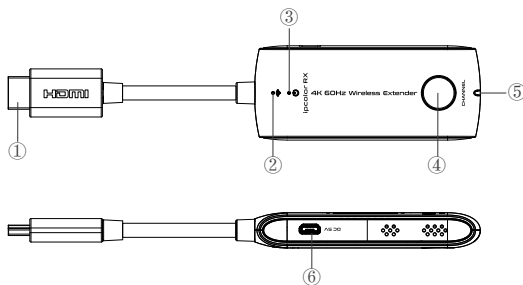
Installation Requirements

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

Panel Description - Transmitter (TX)



① TypeC input	Connect with TypeC 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	Firmware upgrade



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

1. Connection Diagrams

One to one connection



2. Connection Instructions

- Connect the transmitter to the TypeC 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.

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

FAQ

Q: Why the receiver and transmitter cannot be connected, showing "Search ipcolor Tx..." on the screen?

- A: 1) Move transmitter and receiver closer.
 2) Re-power the transmitter or receiver.
 3) Re-pair the transmitter and receiver.

Q: Why the Wi-Fi indicator is steady on but showing "Please check the TX input signal" ?

- A: 1) Make sure the TX has TypeC input and that the resolution is within the specified range.
 2) Try to connect the signal source directly to the display device, or change the signal source and test again.

Q: Why is the display stuttering or unstable?

- A: 1) Place the transmitter or receiver within the signal coverage and minimize obstructions between the transmitter and receiver.
 2) Switch to a different channel to avoid interference from other wireless signals.
 3) Re-power the receiver or transmitter.

Specifications

Items	Specifications	
Power Supply	Voltage/Current	Micro USB power supply (5V/1A)
	Power consumption	TX < 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	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

Transmission	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	-20~50 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: 47g; RX: 54g