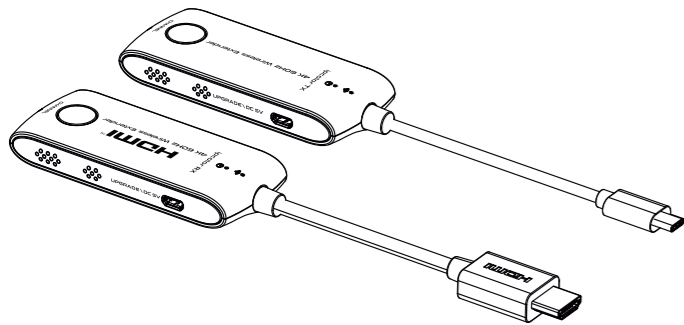


TrueReach TR10 4K@60Hz Mini Portable USB Type-C to HDMI over Wireless Extender Type-C to HDMI



User Manual
Y10G010-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.

Introduction

The TrueReach TR10 combines a transmitter and receiver to deliver high-definition, low-latency video transmission powered by advanced IPColor STREAM technology. Operating on the stable 5G wireless frequency band, it ensures robust anti-interference capabilities and secure, reliable performance. Supporting 1-to-1 wireless transmission with a range of up to 65ft (20m), it eliminates the need for complex wiring, offering a clean and efficient solution. Perfect for video conferences, home entertainment, multimedia education, and more, this extender delivers seamless wireless video transmission with exceptional clarity and reliability.

Note:

1. Transmission distance may vary depending on environmental conditions.
2. Solid structures, such as walls, bricks, or glass, may weaken or completely block the signal.
3. Interference from surrounding wireless signals can affect transmission; switching channels can help minimize this interference.

Features

- Utilizes IPColor STREAM technology for high-definition, low-latency transmission.
- Supports resolutions up to 4096x2160@60Hz and is backward compatible.
- Enables wireless transmission up to 65ft (20m) (line of sight).
- Supports SSID pairing and channel switching to prevent interference when multiple units are used in the same area.
- Operates on the 5G wireless frequency band for strong anti-interference performance.
- Allows firmware upgrades via the Micro USB port.
- Features a portable, plug-and-play design for easy setup.
- Ensures stable 24/7 operation.

Package Contents



Transmitter x1



Receiver x1



Micro USB Cable x2



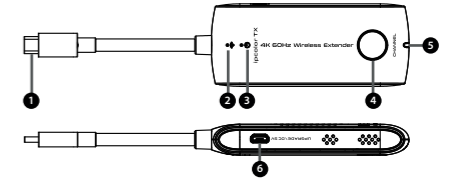
User Manual x1

Installation Requirements

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

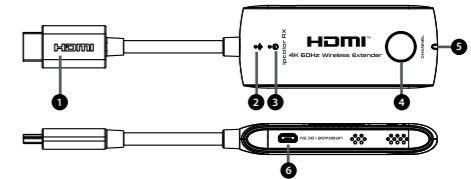
Panel Description

Transmitter (TX)



1 Type-C Input	Connect to Type-C source device
2 WiFi Indicator	Slow Flash: waiting for connection; Steady On: connection succeeded; Quick Flash: SSID pairing mode
3 Power Indicator	Indicator lights up when power is detected
4 Channel Switch Button	Press to switch channels; Press and hold 5s for SSID pairing; Press and hold 10s to restore to factory settings
5 Signal Indicator	Light off: no HDMI signal; Steady On: HDMI signal is transmitting; Quick Flash: restore factory settings
6 Micro USB Port	For power input and firmware upgrade

Receiver (RX)



1 HDMI Output	Connect to HDMI display device
2 WiFi Indicator	Slow Flash: waiting for connection; Steady On: connection succeeded; Quick Flash: SSID pairing mode
3 Power Indicator	Indicator lights up when power is detected
4 Channel Switch Button	After connecting to TX, press to switch channels Press and hold 5s for SSID pairing Press and hold 10s to restore to factory settings
5 Signal Indicator	Light off: no HDMI signal; Steady On: HDMI signal is transmitting; Quick Flash: restore factory settings
6 Micro USB Port	For power input and firmware upgrade

1. One to One Connection



2. Connection Instructions

1. Connect the transmitter to the TypeC output port of the signal source device.
2. Connect the receiver to the HDMI input port of the display device.
3. 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

1. 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.
2. 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

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

- Move the transmitter and receiver closer together.
- 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 a proper Type-C input and that the resolution is within the supported range.
- Connect the signal source directly to the display device to confirm signal output, or try using a different signal source and test again.

Why is the display stuttering or unstable?

- Position the transmitter and receiver within the recommended signal range and minimize any obstructions between them.
- Switch to a different channel to prevent interference from other wireless signals.
- Power cycle the transmitter or receiver to restore stability.

Specification

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	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	
	Input and output DDC signal	
Transmission	Wi-Fi Frequency bands	
	Transmission distance	

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	-20~60°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: 47g; RX: 54g

Corporate Headquarters
12979 Arroyo St
San Fernando, CA 91340 - USA

Office: +1 (818) 727-7000
Fax: +1 (818) 875-0002
Email: 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

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