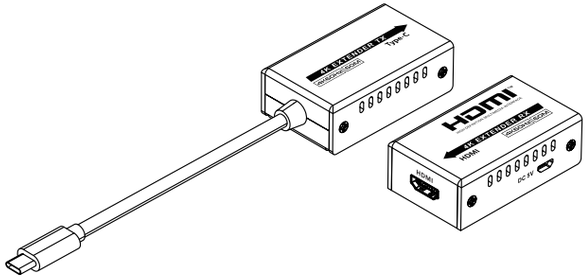
User Manual

4K60Hz Type-C to HDMI EXTENDER



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• Important Safety Notice

1. Do not mix up the transmitter and the receiver before installation.
2. Keep the installation environment dry and ventilated.

• Introduction

Featuring a Type-C transmitter and an HDMI receiver, this product achieves zero latency transmission via CAT6/6A/7 network cable of UHD audio and video signals. It supports 4K@60Hz Type-C video signal transmission up to 60 meters and 25 meters for 4K@120Hz. A variety of applications can be achieved with this kit, such as education, training, conferences, etc.

• Features

1. Zero latency transmission
2. Support up to 4K@120Hz resolution, backward compatible
3. Compatible with Cat6/6A/7network cable, transmission distance up to 60 meters for 4K@60Hz signal and 25 meters for 4K@100/120Hz signal
4. Support HDR10
5. Support EDID passthrough and self-adaptive display on resolutions
6. Support Type-C input and HDMI output
7. The transmitter can take power from the source signal device through the Type-C port
8. Compact design, plug and play

• Package Contents



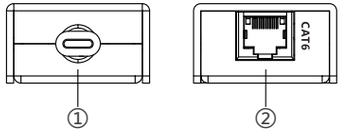
Transmitter x1 | Receiver x1 | Micro USB cable x1 | User manual x1

• Installation Requirements

1. Type-C source device like smartphone, tablet, PC, etc. with Type-C port.
2. HDMI display device like TV, projector, LED screen, etc. with HDMI port.
3. UTP/STP CAT6/6A/7 cable, follow standard IEEE-568B.

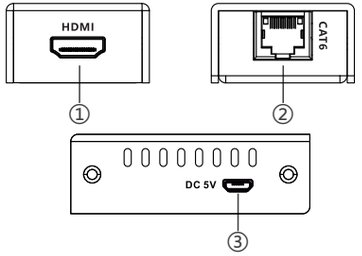
• Panel Description

Transmitter



①	Type-C signal input	Connect with the source device
②	RJ45 signal output	Connect with CAT6/6A/7 network

Receiver



①	HDMI signal output	Connect with the display device
②	RJ45 signal input	Connect with CAT6/6A/7 network
③	Power input	Connect the Micro USB cable to the DC5V/0.5A power adapter

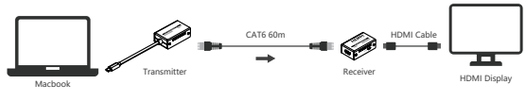
• Installation and Connection

1. How to make a network cable, follow the standard of IEEE-568B:

1-white and orange	2-orange	3-white and green	4-blue
5-white and blue	6-green	7-white and brown	8-brown



2. Connection



3. Connection instruction

1) Signal sources are connected through the Type-C port of the transmitter, and displays are connected via the HDMI port of the receiver.
2) The transmitter and receiver are connected by CAT6/6A/7 network cable.
3) Using the micro USB cable to power on the receiver, the product is ready to use.

• Q&A

Q: No image is displayed when the signal source is a smartphone?

A:

1) When the output mode of the signal source is Phone Mode or Screen Mirror Mode and the display device supports 4K@100/120Hz, make sure the network cable is less than or equal to 25 meters.
2) If the length of the network cable is more than 25 meters, please set the output mode of the signal source to Desktop Mode or Samsung Dex.

Q: How do I fix black screen or screen flickering?

A:

1) It is recommended to replace the network cable with better quality or reduce the length of the network cable.
2) If it still doesn't work, try to reduce the output resolution of the signal source.

Q: There is no output on screen when all connections are correct?

A:

1) Check whether the network cable meets the requirements and complies with the IEEE-568B standard.
2) Check whether the RX power cable is firmly connected.
3) Check whether the signal source has a signal output.
4) Check whether the display device is set to the correct input.

• Specification

Items		Specifications
Compatibility	Voltage	TX: Power by the signal source RX: DC 5V500mA
	Power consumption	TX < 3W, RX < 3W
HDMI performance	HDMI version	HDMI 2.0
	Max transmission rate	32Gbps
	Resolution	1280x720, 1280x960, 1366x768, 1440x900, 1680x1050, 1920x1080, 1920x1200, 720p@50/60Hz, 1080i@50/60Hz, 1080p@24/25/30/50/60/120Hz, 2560x1440@50/60/120/144Hz, 3840x2160@24/25/30/50/60/100/120Hz, 4096x2160@24/25/30/50/60Hz
	TMDS signal	0.7~1.2Vp-p (TMDS)
	DDC signal	5Vp-p (TTL)
Transmission distance	CAT6/6A/7	4K@60Hz≤60m 2560x1440@120/144Hz ≤30m 4K@100/120Hz≤25m
Audio formats	PCM, DTS, Dolby	
HDR10	Supported	
HDMI 3D	Supported	
EDID passthrough	Supported, auto downscaling	
Operating environment	Working temperature	-20~55℃
	Storage temperature	-30~60℃
	Humidity	0~90%RH (no condensation)
Physical properties	Material	Iron
	Color	Black
	Dimension	67.0 (L) x 38.1 (W) x 21.2 (H) mm

Physical properties	Weight	TX: 103g RX: 91g
ESD protection	1a Contact discharge level 2 (±4KV) 1b Air discharge level 3 (±8KV) Implementation of the standard: IEC61000-4-2	

Disclaimer

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