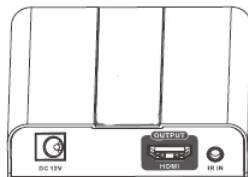
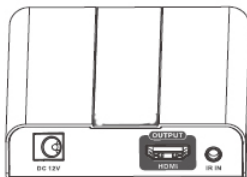
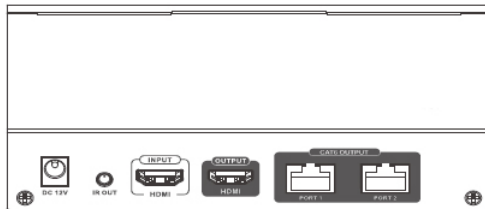




2-Port HDMI 2.0 Extender/ Splitter over CAT6 with Loopout User's Guide



P/N:HDExt4K-2P

Thank you for purchasing from gofanco. Our products aim to meet all your connectivity needs wherever you go. For optimum performance and safety, please read the instructions carefully and keep this User's Guide for future reference. If you need more information about our products, please visit www.gofanco.com. For technical support, email us at support@gofanco.com. For drivers/manuals download, please go to <http://www.gofanco.com/download>.

Important Safety Notices

Please read safety instructions carefully before installation and operation.

- Please pay close attention to all warnings and hints for this device
- Do not expose this unit to rain, heavy moisture, or liquid
- Do not put any items into the device or attempt to modify its operation
- Do not repair the device or open the enclosure without professional guidance to avoid electric shocks. Doing so may void your warranty
- Keep the product in a well-ventilated location to avoid damage from overheating
- Shut off power and make sure environment is safe before installation
- Do not plug the HDMI cables and IR cables in/out when the device is in use to avoid cable damage. Make sure they are plugged into the correct ports
- Use the included power adapters only. Make sure the specification matches if using 3rd-party DC power adapters

Introduction

The 2-Port HDMI 2.0 Extender/Splitter over CAT6 with Loopout extends 4K signals to 2 displays over CAT6 cable.

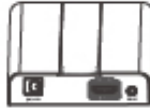
Features

- Supports IR remote control function to control the source device from long distance
- Supports HDMI loopout on the Transmitter to monitor the HDMI signal
- Supports up to 3840x2160@60Hz resolution
- Transmission range:
 - 4K (3840x2160)@60Hz: Up to 30 meters
 - 4K (3840x2160)@30Hz: Up to 50 meters
 - 1080p@60Hz: Up to 60 meters
- Easy plug and play installation

Package Contents



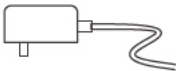
Transmitter (1pc)



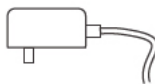
Receiver (2pcs)



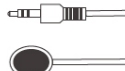
Manual (1pc)



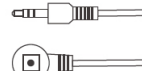
Power Adapter
12V/2A (1pc)



Power Adapter
12V/1A (2pcs)



IR Blaster
Extension Cable
(1pc)



IR Receiver
Extension Cable
(2pcs)

Product Layout

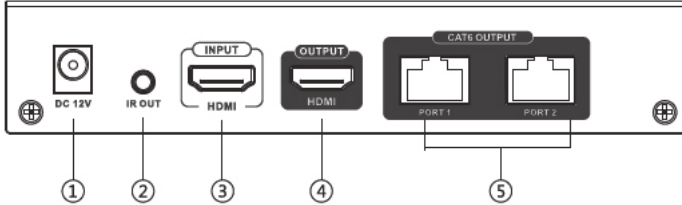


Figure 1: Transmitter (TX) - Back Panel

- 1 **Power Jack:** Connect the included 12VDC/2A power adapter here
- 2 **IR Out:** Infrared 3.5mm socket. Plug the IR Blaster Extension Cable here. See instruction on page 6.
- 3 **HDMI In:** Connect your HDMI source here with an HDMI cable (cable not included)
- 4 **HDMI Out:** Connect your HDMI display here for local monitoring of the HDMI displays
- 5 **RJ45 Out:** Link to Receiver's RJ45 In using a Cat6 cable

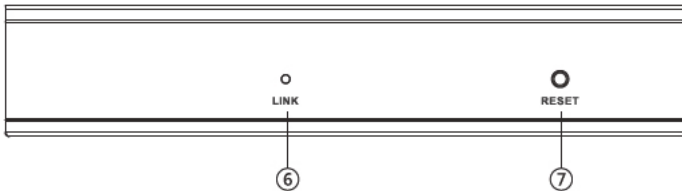


Figure 2: Transmitter (TX) Front Panel

- 6 **Link LED:** Turns red when powered. Turns blue when there is an HDMI signal detected
- 7 **Reset:** Press to reset if HDMI Extender doesn't work properly

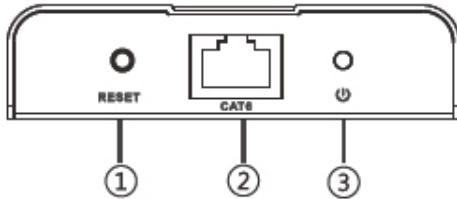


Figure 3: Receiver (RX) - Input

- 1 **Reset:** Press to reset if HDMI Extender doesn't work properly
- 2 **RJ45 In:** Link to the Transmitter's RJ45 Out via a Cat6 cable
- 3 **Link LED:** Turns red when powered. Turns blue when the Cat6 cable is connected/linked properly between the Transmitter and receiver

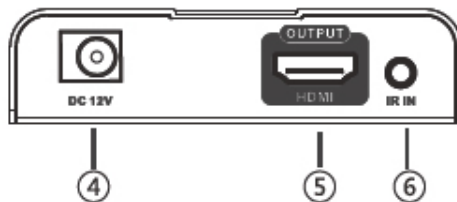


Figure 4: Receiver (RX) - HDMI Output

- 4 **Power Jack:** Connect the included 12VDC/1A power adapter here
- 5 **HDMI Out:** Connect your HDMI display here with an HDMI cable (cable not included)
- 6 **IR In:** Infrared 3.5mm socket. Plug the IR Receiver Extension Cable here. See instructions on page 7.

Installation Requirements

1. HDMI source device (DVD player, set top box, PC, etc.)
2. HDMI display device (SDTV/Monitor, HDTV/Monitor, projector, etc.)
3. HDMI cables (not included)
4. UTP/STP CAT6/6A/7 cable, following IEEE-568B wiring standard

Hardware Installation

To achieve optimal performance, a Cat6 or better cable is recommended.

1. Power off all devices including your HDMI source and HDMI display.
2. Connect your HDMI source to the Transmitter's HDMI In connector.
3. Connect your HDMI display to the Transmitter's HDMI Out. This connection is optional and need only when local monitoring of the HDMI signal is required.
4. Optional: Connect the IR Blaster Extension Cable to the Transmitter's IR Out port. Face the eye towards your HDMI source device's IR window. This connection is needed only if you need to control your HDMI source at the remote location.
5. Plug your Cat6 cable between the Transmitter's RJ45 Out and Receiver's RJ45 In.
6. Connect your HDMI display to the Receiver's HDMI Out connector with an HDMI cable (HDMI cable not included).

7. Optional: Connect the IR Receiver Extension Cable to the Receiver's IR In port. This connection is needed only if you need to control your HDMI source at the remote location.
8. Plug the included 12V/2A power adapter into the Transmitter's Power Jack.
9. Plug the included 12V/1A power adapter into the Receiver's Power Jack, then plug all power adapters into reliable power outlets.
10. Power on your HDMI source device and HDMI displays. The extender is ready for use.

Connection Diagram

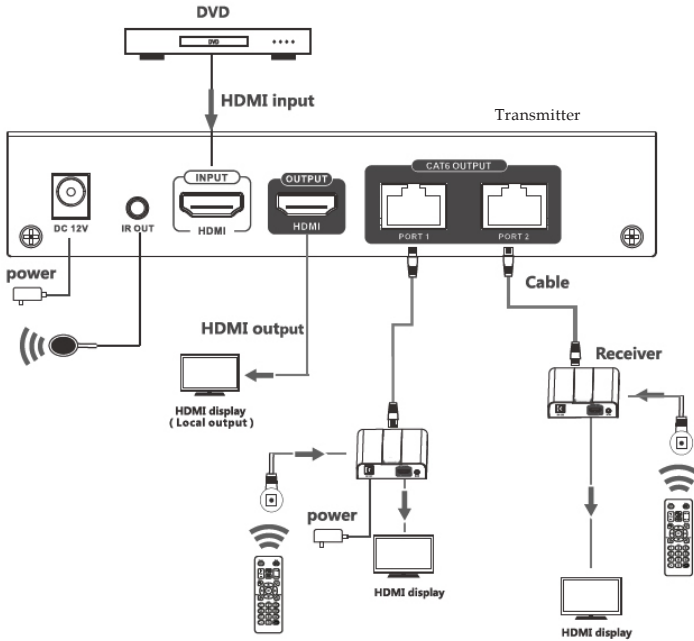


Figure 5: Connection Diagram

Note: Please use the IR remote control to control only one Receiver at a time to avoid interference.

FAQ & Solutions

Q1: No image or audio output on the display?

- A:
1. Check if the display is in standby mode.
 2. Make sure the display's HDMI port is properly connected to the HDMI cable.
 3. Check the Link LED indicator on the Receiver is on. This flashing LED means the RX is not receiving signal from the transmitter.
 4. Check the Link LED indicator on the Transmitter is blue. A red color LED means there is no signal from the source device.
 5. Check whether the input resolution is support by this product.

Q2: Not all displays are receiving a signal.

- A:
1. Check the Cat6 cable for secure and solid connection.
 2. Press the Reset button on the Transmitter and Receiver to reset the system.
 3. Re-connect the Cat6 cable corresponding to the display that is not working properly.

Specifications

Item	Specification
HDMI signal	HDMI 2.0; HDCP 2.2
Input connector	TX: 1x, 19-pin HDMI, Female RX: 1x, RJ45
Output connector	TX: 2x, RJ45; 1x, 19-pin HDMI, Female RX: 1x, 19-pin HDMI, Female
Resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 3840x2160@30/60Hz
Transmission distance	3840x2160 @60Hz: Up to 98ft (30m) 3840x2160@30Hz: Up to 154ft (50m) 1080p@60Hz: Up to 196ft (60m)
IR signal	20KHz - 60KHz
Operating temperature	32 F - 140 F (0 - 60 C)
Power adapter	TX: 12VDC/2A RX: 12VDC/1A
Power consumption	TX: <12W RX: <6W
Dimensions	TX: 6.36" (L) x 3.35" (W) x 1.22" (H) RX: 3.98" (L) x 3.21" (W) x 0.81" (H)
Weight	TX: 0.90 lbs RX: 0.42 lbs (each)

Disclaimer

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