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50m HDMI Extender over Single Cat5e/6 with 3D Support

User Manual

P/N: HDExt

G4-0032A

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, please 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 well-ventilated to avoid damage from overheating

- Shut off power and make sure environment is safe before installation

- Do not insert or remove the HDMI cables 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 specifications match if using 3rd-party DC power adapters

TABLE OF CONTENTS

INTRODUCTION

The HDMI CAT5e/6 Extender – 50m with 3D Support extends high definition 1080p HDMI signals from a source device to a display device up to 50 meters using an economical CAT5e/6 cable.

FEATURES

● Transmits HDMI signals from source device to display device up to 50 meters using economical CAT5e/6 cabling

● Supports Deep Color up to 24 bits

● 3D video support

● Supports lossless compressed digital audio: Dolby TrueHD™, DTS-HD Master Audio™

● Easy installation and configuration with the EDID copy function

PACKAGE CONTENTS

The following items are necessary for the correct setup, use, and maintenance of your HDMI extender:

- HDMI Transmitter (1 piece)
- HDMI Receiver (1 piece)
- Power adapters (2 pieces)
- User's Manual (1 piece, this document)
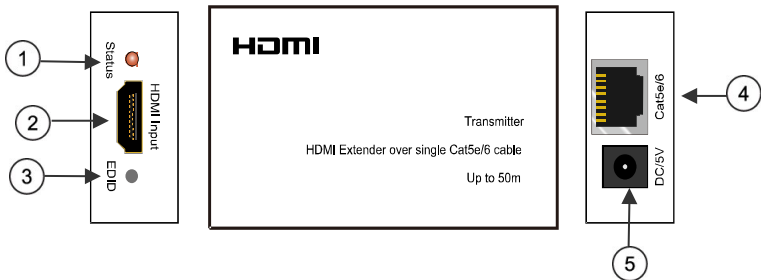- Mounting ears (4) & screws (8)

If any of these items is missing, please contact either gofanco or your vendor.

INSTALLATION REQUIREMENTS

1) HDMI source device (computer, DVD player, game console, etc. . .)

2) HDMI display device (SDTV/Monitor, HDTV/Monitor, projector, etc. . .)

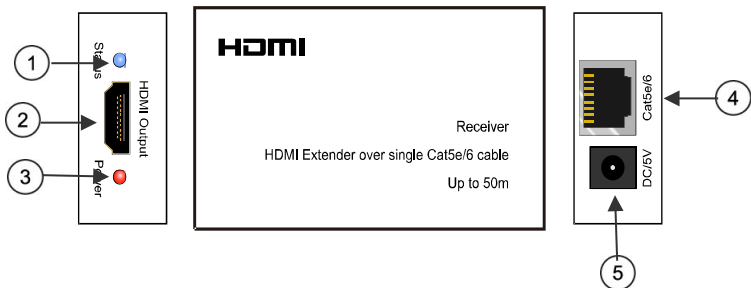3) CAT5e/6 cable terminated at both ends with an RJ45 connector

PRODUCT DESCRIPTION

Transmitter Unit

1) **Status LED**: Indicates the state of the signal connection

2) **HDMI input port**: Receives the HDMI signal to be transmitted

3) **EDID copy button**: Retrieves the EDID information from the display

4) **CAT-5e/6 output**: Connect one end of the Cat5e/6 cable to this port

5) **Power input:** This is where the transmitter receives power from the 5V DC power supply

Receiver Unit

1) **Status LED:** This LED lights when the receiver is connected to the transmitter via the Cat5e/6 cable

2) **HDMI output port:** Recreates the original HDMI signal

3) **Power LED:** Indicates whether the receiver is powered on

4) **CAT-5E/6 input:** Connect one end of the Cat5e/6 cable to this port

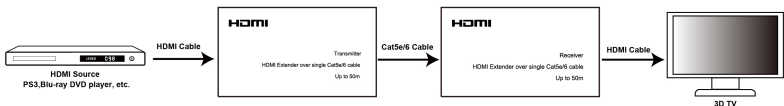5) **Power input:** This is where the receiver is supplied power from the 5V DC power supply

HARDWARE INSTALLATION

1) Power off all devices including your HDMI source and HDMI display.

2) Connect your HDMI source device to the Transmitter's HDMI Input connector with an HDMI cable (HDMI cable not included).

3) Plug your CAT5e/6 cable between the Transmitter's RJ45 Output and the Receiver's RJ45 Input.

4) Connect your HDMI display to the Receiver's HDMI ouput connector with an HDMI cable (HDMI cable not included).

5) Plug the included power adapters into the Transmitter's and Receiver's power jacks (labeled "DC/5V"), then plug both power adapters into a reliable electrical socket.

6) Power on the HDMI source and display devices.

7) The HDMI extender is ready for use.

ATTENTION: Insert and remove cables gently. When inserting the Cat5e or Cat6 cable, stop inserting when you hear the "click" sound. To unplug the Cat5e or Cat6 cable, press down on the locking tab and pull the cable out.

CONNECTION DIAGRAM

*Note: If the sink (e.g. HD TV) can't display any signal, try this. Connect the TV/display directly to the Transmitter's HDMI Input, plug in the Transmitter's power adapter, then press the transmitter's "EDID" button. The "Status" light will then flash, which indicates that the EDID data has been copied from the display device successfully. Holding down the "EDID" button for 3 seconds will reset the EDID on the transmitter back to its default.

SPECIFICATIONS

Operating Temperature Range	-5℃ to +35℃ (+23℉ to +95℉)
Operating Humidity Range	5 to 90%RH (Non-Condensing)
Input Video Signal	0.5-1.0 Volts P-P
Input DDC Signal	5 volts p-p(TTL)
Support Video Formats	576i, 480P, 576P, 720P, 1080i, 1080P 3D video[①]
Video Output	HDMI
Support Audio Format	DTS-HD™ Master Audio, Dolby TrueHD™
Transmission Distance	50m (Maximum) for 1080P over a single Cat5e or Cat6 cable with solid 24AWG wire
Power consumption	5 watts (Maximum)
Dimension (L×W×H)	Both the Transmitter and Receiver are 83x48x25mm
Net Weight	250g (Pair)

[①] **Sink must support 3D video when the source is a 3D device**

Disclaimer

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