

USB-C to HDMI Over Cat6 Extender/Adapter with PoC, 150 ft. (45 m)

MODEL NUMBER: U444-CAT-H



Extends a USB Type-C audio/video signal up to 150 ft. to an HDMI display via Cat6 cable, while also charging the USB-C source device.

Features

USB-C to HDMI Extender for Displaying Video in Boardrooms and Conference Rooms This complete transmitter and receiver system is recommended for video presentations in conference rooms, schools, trade shows, meeting facilities, houses of worship, retail settings and digital signage applications where the source and display are farther apart than conventional A/V cables allow. The U444-CAT-H extends 1080p video and stereo audio signals from a USB-C source device to an HDMI display up to 150-ft. (45.72 m) away via user-supplied Cat6 cabling.

Built-In PoC Technology Provides Receiver Power to Avoid Bulky External Power Bricks Built-in Power over Cable (PoC) technology powers the low-profile receiver over Cat6 cable. Green and orange LEDs on both the transmitter and receiver will light up to indicate the system is receiving power and a signal is being transmitted.

Keep Your Source Device Constantly Charged to Avoid Unintentional Signal Loss The transmitter's USB-C port charges your laptop, tablet or other source device to avoid battery drain and untimely shutdowns. Just connect the source's included power supply or power adapter between the USB-C port and an available AC outlet to prevent the source from running out of juice prematurely.

Fine-Tune the High-Resolution Image to Meet Your Personal Standards Use the included screwdriver to adjust the equalization control on the receiver. You can choose from eight different settings to make sure the most effective 1080p image is displayed.

Plug-and-Play Operation for Quick Setup and Immediate Use The included transmitter and receiver units work right out of the box with no software or external power supply required. Connect the receiver to the HDMI display and the transmitter to the USB-C source with the units' built-in cables. Then, connect the two units using Cat6 patch cable, such as Tripp Lite N202-Series cable (sold separately). Connect an optional display to the transmitter's local HDMI output to monitor the image connected to the receiver up to 150-ft. (45.72 m) away.

Highlights

- Extends high-definition 1080p video up to 150-ft. (45.72 m) away from the source
- Power over Cable (PoC) technology provides power to the receiver
- Transmitter's local HDMI port allows you to see the high-def image being displayed
- Built-in equalization (EQ) control lets you fine-tune the digital image to your satisfaction
- USB-C port charges the source device to avoid battery drain and untimely shutdowns

Applications

- Connect a desktop computer, tablet, laptop, notebook, MacBook, Chromebook or smartphone for a video or PowerPoint presentation in a large conference room or meeting room
- Improve and upgrade the video quality of your trade show presentation or digital signage installation in a commercial or educational setting

System Requirements

- Source device with USB-C output (computer, laptop, tablet)
- Display device with HDMI input (HDTV, projector, monitor)

Package Includes

- Transmitter unit
- Receiver unit



- Mini screwdriver
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332238801
Product Type	Extender Kit
Technology	HDMI; POC
VIDEO	
Max Supported Video Resolution	1920x1080 (1080p @ 60Hz)
Max 1280 x 720 (720p) Range (ft)	150
Max 1920 x 1080 (1080p) Range (ft)	15
Transmitter Video Input	USB-C
Transmitter - Number of Video Outputs	1
Transmitter - Local Display Output	HDMI
Receiver/Transceiver Video Output	HDMI
Receiver - Number of Video Outputs	1
Recommended Cabling	Solid Wire Cat6 Cables (Tripp Lite's N202-Series)
Max Supported Color Depth	24-bit True Color
3D Video Supported	Yes
Chroma Sub Sampling	4:4:4
Maximum Signal Range (ft)	150
Maximum Signal Range (m)	46
AUDIO	
Audio Input	USB-C
Audio Output	HDMI
Audio Specification	PCM 7.1, DTS & Dolby 5.1
BATTERY	
Battery Charging (5V/1.5A Port)	No
POWER	



Power Source	Receiver end only (Optional)
Power Source Type	USB
Power Over Cable (PoC) Support	Yes
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	TX & RX: Green = Power; Orange = Signal Transmission
PHYSICAL	
Color	Black
Material of Construction	ABS
Number of Displays	1
Form Factor/Mounting Options	Pigtail
Receiver Unit Dimensions (hwd / in.)	0.93 x 2.36 x 2
Receiver Unit Weight (lbs.)	0.154
Shipping Dimensions (hwd / in.)	1.73 x 7.87 x 5.60
Shipping Weight (lbs.)	0.49
Transmitter Unit Dimensions (hwd / in.)	1.02 x 3 x 2.42
Transmitter Unit Weight (lbs.)	0.154
Unit Packaging Type	Box
Housing	Plastic
ENVIRONMENTAL	
Operating Temperature Range	32 to 104 °F (0 to 40 °C)
Storage Temperature Range	5 to 122 °F (-15 to 50 °C)
Relative Humidity	0% to 85% RH, Non-Condensing
COMMUNICATIONS	
Signal Range (ft.)	150
Signal Range (m)	46
EDID Compatible	Yes
Consumer Electronics Control (CEC) Supported	Yes
USB Extension Support	No
CONNECTIONS	
Side A - Connector 1	USB C (MALE)
Side A - Connector 2	USB Type-C (FEMALE)



Side A - Connector 3	RJ45 (FEMALE)
Side A - Connector 4	HDMI (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
Side B - Connector 2	HDMI (MALE)
Side B - Connector 3	MICRO-USB B (FEMALE)
Connector Plating	Nickel
FEATURES & SPECIFICATIONS	
HDCP Specification	1.4
USB Specification	USB 3.0 (up to 5 Gbps); USB 3.1 Gen 1 (up to 5 Gbps)
Driver Required	No
Recommended Category Cable	Cat6/Cat6a
Built-In Equalizer	Yes
STANDARDS & COMPLIANCE	
Certifications	Tested to FCC, CE, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	3-year limited warranty

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