EXTENDERS

Pro AV/IT Integrator Series™ 4K 60Hz USB-C to HDMI Extender Kit up to 196ft

Reliable USB-C Extension

Comprehensive's CHE-UHDC60K is a USB-C to HDMI extender with a compact USB-C transmitter and HDMI receiver kit designed to extend UHD 4K @60Hz video signals from a source to a display which can be remotely located up to 196ft away using a Cat6/6A cable. The CHE-UHDC60K is simple, plug and play and it is ready to go. No drivers or complicated installation procedures required.

The CHE-UHDC60K is equipped with USB-C connectivity that allows extension for modern day USB-C devices such as mobile devices, tablets, laptops, and notebooks that support DP Alt mode or Thunderbolt™ 3 and 4 or USB4 technologies. The CHE-UHDC60K is ideal for use with TV carts, BYOM, BYOD, and presentation hybrid work environment applications.

A Must Have Device for Every AV Space

The CHE-UHDC60K is perfectly suited for a wide range of settings, including courtrooms, classrooms, conference rooms, and even work-from-home setups. It can also be utilized in hybrid applications where USB-C devices like laptops, iPads, or Chromebooks need to be extended from a local location to a remote location within any room or building.

Long Range USB-C to HDMI Extension

The CHE-UHDC60K sets itself apart from current USB-C to HDMI cables that have a restriction of 15ft to 25ft. It has the remarkable capability to extend USB-C devices like laptops, iPads, or Chromebooks up to an impressive distance of 196ft, all while ensuring the integrity of the signal and avoiding any loss in audio or video quality.

Zero Latency Transmission

Experience the real-time feed from your USB-C source with zero latency concerns, making this extender an excellent choice for live TV, including live TV events, presentations, and gaming.

Flexible Educational Environments

AV carts are ubiquitous in educational institutions and learning facilities. The CHE-UHDC60K facilitates the convenient positioning of any HDMI AV equipment in a centralized location, enabling flexibility in placing the cart in the optimal position.

Easy to Install Discreetly

Effortlessly mount the receiver of the CHE-UHDC60K on a wall, in furniture, under a table, or discreetly within a floor box. Its sleek and compact design, complete with mounting brackets, allows for easy concealment behind a wall-mounted display or above a projector.

Peace of Mind in Every Connection and Quality You Can Count On

Since 1974, Comprehensive has been a trusted manufacturer of top-notch commercial-grade solutions for AV and IT professionals. This product upholds that longstanding tradition with its use of premium materials, components, and rigorous quality control measures, guaranteeing years of reliable and hassle-free usage. Additionally, all components are supported by Comprehensive's 3-Year Warranty, providing you with the confidence that this product will continue to perform flawlessly for many years ahead.

Features

- Extends USB-C to HDMI effortless up to 196ft over Cat6/6A
- 4K @60Hz AV transmission
- Supports HDMI v2.0 & HDCP v2.2
- Zero latency AV transmission
- Pass-Through EDID and Automatic Downscaling supported
- Rugged metal enclosure with mounting brackets
- True plug and play; no software drivers required
- 3 Year Warranty

CHE-UHDC60K

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Applications

- USB-C to HDMI Extension
- Small and medium sized conference rooms
- Educational environments
- Work from home applications
- KVM Extension
- Professional Audio-Visual
- Digital Signage

Specifications

Technical

HDMI Compliance: HDMI v2.0 [4K @60Hz 4:4:4]

HDCP Compliance: HDCP v2.2

Video Bandwidth: 18Gbps

Max Transmission Distance: Up to 196ft Cat6/6A

Max Transmission Resolution: 4K @60Hz 4:4:4

End-To-End Latency: Zero

Audio Formats: PCM, DTS, Dolby

HDR10: Supported

HDMI 3D: Supported

EDID Pass-Through: Supported

Scaler Function: Automatic Downscaling

Power & Regulatory

Power Input: DC 5V 500mA (Rx only)

Power Consumption: Tx <3W, <3W

ESD Protection: Human body model: ±8kV (Air-gap discharge), ±4kV (Contact discharge)

Regulatory: FCC (Class B), CE (Class B), RoHS2 Compliant

Prop 65 Compliant: No

Package Contents

1x CHE-UHDC60K Extender Kit (Transmitter & Receiver)

1x USB 2.0 AM to Micro power Cable

1x Power Adapter (5V DC 1A)

1x User Manual

I/O Connections

Transmitter (Local)

Inputs:

1x USB [Type-C male pigtail cable]

Outputs:

1x CAT OUT [RJ45, 8-pin female]

Receiver (Remote)   Inputs:

1x CAT OUT [RJ45, 8-pin female]

1x Power Port [Micro USB female]

Outputs:

1x HDMI Type A [19-pin female]

Chassis and Environmental

Construction: Metal

Color: Black

Dimensions (W*H*D): Pending final design

Operating Temperature: -20°C to 55°C

Storage Temperature: -30°C to 60°C (+14°F to +140°F)

Humidity: 0% to 90% Relative Humidity

Other

Diagnostic Indicators: Power and Status

UPC: 808447085969

Product Part Number: CHE-UHDC60K

Warranty: 3 years

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