



CHE-UHDC60K

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



User Manual

Introduction

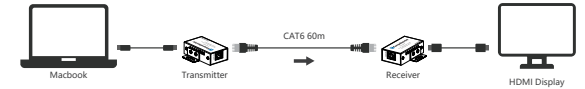
Comprehensive's CHE-UHDC60K is a USB-C to HDMI extender with a compact USB-C transmitter and HDMI receiver kit designed to extend UHD 4K @60Hz video signals from a source to a display which can be remotely located up to 196ft away using a Cat6/6A/7 cable. The CHE-UHDC60K is simple, plug and play and 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.

Features

- Extends USB-C to HDMI effortless up to 196ft over Cat6/6A/7
- 4K @60Hz AV transmission
- Supports HDMI v2.0 & HDCP v2.2
- Supports DP Alt Mode
- 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

Connection Diagram

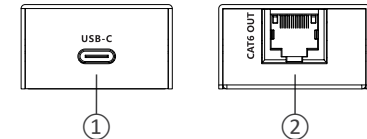


Connection instruction

- 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 CAT5E/6/6A network cable.
- 3) Using the micro-USB cable to power on the receiver, plug into a power brick or use an extra USB port located behind your display, the extender is ready to use.

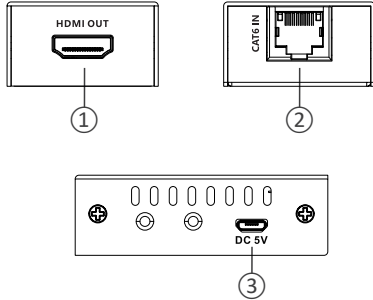
Panel Description

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 to the USB port with the Micro USB cable. In case of unstable transmission, connect the Micro USB cable to the DC5V power adapter

Specification

I/O Connections	
Transmitter (Local)	Inputs: <ul style="list-style-type: none"> 1x USB [Type-C male cable] Outputs: <ul style="list-style-type: none"> 1x CAT OUT [RJ45, 8-pin female]
Receiver (Remote)	Inputs: <ul style="list-style-type: none"> 1x CAT OUT [RJ45, 8-pin female] 1x Power Port [Micro USB female] Outputs: <ul style="list-style-type: none"> 1x HDMI Type A [19-pin female]
Technical	
HDMI Compliance	HDMI v2.0
HDCP Compliance	HDCP v2.2
Video Bandwidth	18Gbps
Max Transmission Distance	Up to 196ft Cat6/6A/7
Max Transmission Resolution	4K @60Hz 4:4:4
End-To-End Latency	Zero
Audio Formats	PCM, DTS, Dolby
HDR10	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
Chassis and Environmental	
Construction	Metal
Color	Black
Dimensions (W*H*D)	67 (W) x 21.25 (H) x 38 (D) mm
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
Shipping weight	4 lbs.
Package Contents	
What is in the box	1x CHE-UHDC60K Extender Kit (Transmitter & Receiver) 1x Power Adapter (5V DC 500mA) 4x Mounting Ears 8x Screws 1x User Manual
Other	
Diagnostic Indicators	Power and Status
UPC	808447085969
Product Part Number	CHE-UHDC60K
Warranty	3 years



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