



# Pro AV/IT Extenders



**HDMI™** **4K UHD** **USB-B** **HDBT™** **HDR** **HDCP**



# Extend Your Signals and Possibilities

HDBaseT™ has revolutionized the delivery of A/V Signals. Featuring uncompressed Ultra HD digital video and audio, ethernet, control, USB and power through a single LAN cable.

## Pro AV/IT Integrator GX Series™ 7 Port SuperSpeed USB 5Gbps Extender Kit up to 330ft Over Cat6A with USB-C & USB-A Data Ports, USB Host Switching, RS232, FSYNC GPIO

Comprehensive's USB5GX-520K is a seven (7) port USB 3.2 super speed 5Gbps extension solution. The USB5GX-520K USB Extender allows you to extend a USB 3.2 (5Gbps) signal up to 330ft using a single CAT6A cable.

### Features

- Extension of USB 3.2 5Gbps up to 100m/328ft via a CAT6a cable
- USB 3.2 Gen 1 connectivity with data transfer rates up to 5Gbps
- 3 Year Warranty

### USB5GX-520K

- 5Gbps
- Cat6A 330ft
- USB-C
- 7 Port USB3 Hub
- 3 Year Warranty



**GX SERIES™**

## Pro AV/IT Integrator GX Series™ 6 Port SuperSpeed USB 5Gbps Wall Plate Extender Kit up to 330ft Over Cat6/6A with USB-C & USB-A Data Ports, USB Host Switching, RS232, FSYNC GPIO

Comprehensive USB5GX-530WPK is a six (6) port USB 3.2 super speed 5Gbps extension solution. The USB5GX-530WPK USB Extender allows you to extend a USB 3.2 (5Gbps) signal up to 330ft using a single CAT6A cable.

### Features

- Extension of USB 3.2 5Gbps up to 100m/330ft via a CAT6a cable
- USB 3.2 Gen 1 connectivity with data transfer rates up to 5Gbps
- 3 Year Warranty

### USB5GX-530WPK

- 5Gbps
- Cat6A 330ft
- USB-C
- 6 Port USB3 Hub
- 3 Year Warranty



**GX SERIES™**

## 4K HDMI Extender with IR control up to 230ft

Comprehensive CHE-1 HDMI extender is your low cost solution when an HDMI HD signal needs to be extended up to 230ft and 4K signals up to 130ft. The CHE-1 has signal transfer rates of up to 4.95Gbps with a full 1080p 60Hz and 10.2Gbps with 4K 30Hz video signal.

### Features

- Extend 4K @30Hz up to 130ft over cat5e/6 or full 1080p 60Hz up to 230ft
- Follows standard IEEE-568B
- Allow for cascading via additional HDMI loop out port
- 3 Year Warranty

### CHE-1

- 4K@30Hz
- 10.2Gbps
- HDMI Loop-Out
- Cat6 230ft
- 3 Year Warranty



## Pro AV/IT Integrator Series™ 4 Port USB 3.2 Extender up to 330ft with LAN

Comprehensive CUE-432ML is a four port USB 3.2 super speed extension solution, allowing users to simultaneously extend USB 3.2 Gen 1, 2.0, and 1.1 protocols across a single link with auto negotiated communication between hosts and devices for maximum interoperability and ease of use.

### Features

- USB 3.2 Gen 1 data rate up to 5Gbps
- Integrated four port USB 3.1 hub supporting all USB devices simultaneously at full bandwidth
- Up to 1.2A (6W) per USB port
- 3 Year Warranty

### CUE-432ML

- 5Gbps
- USB 3.2 Hub Extension
- Cat6 330ft
- Plug & Play
- 3 Year Warranty



## Pro AV/IT Integrator Series™ HDBaseT™ 4K60 18G HDMI Extender Kit with Audio, RS232, IR, PoC up to 492ft

Comprehensive CHE-HDBT250 is an HDBaseT™ 2.0 Extender with HDMI, audio, IR and RS232 connectivity. This extender supports video resolutions up to 4K@60Hz 4:4:4 18Gbps. It also supports de-embedded audio for L/R audio output and PoC function.

### Features

- HDCP 2.2 / HDCP 1.4 and DVI 1.0 compliant
- Supports 18Gbps video bandwidth
- Transmission distance via a single Cat5e/6 cable: 394ft for 4K2K signal, 492ft for 1080p signal
- 3 Year Warranty

### CHE-HDBT250

- 4K@60Hz
- 18Gbps
- Durable
- Cat6 492ft
- 3 Year Warranty



## Pro AV/IT Integrator Series™ 1080p HDMI and USB 2.0 KVM Extender Kit up to 260ft

Comprehensive CHE-HD80U is a low cost 1080p 60Hz HDMI KVM extender with high-speed USB2.0. The CHE-HD80U extends HDMI AV and USB over a single CATx cable up to 260ft. The unit transmits lossless video making it perfect for many commercial applications.

### Features

- Extends full HD HDMI video up to 260ft over a single Cat5e/6 cable, or above
- Transmit high speed USB2.0 with data rates up to 480Mbps for webcam, USB audio applications
- Input support HDMI 1.3 with HDCP 1.4 compliant
- 3 Year Warranty

### CHE-HD80U

- 1080p
- USB 2.0 Extension
- Cat6 260ft
- Interactive Display Support
- 3 Year Warranty





# Extend Your Signals and Possibilities

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## Pro AV/IT Integrator Series™ HDMI & USB-C 4K60Hz Wall Plate Extender Kit up to 164ft

Comprehensive's CHE-HDWP85UD is a 2x1 switcher and CAT transmitter with HDMI and USB-C inputs. It features a US one-gang enclosure for Decora-style wall plate openings and supports video resolutions up to 4K@60Hz. It is remotely powered by the receiver or other CAT-equipped devices via POC.

### Features

- Compliant with HDMI 2.0b, HDCP 2.2 and Display Port 1.2a
- HDMI input supports 18Gbps video bandwidth; USB-C input supports 5.4Gbps video bandwidth
- Video resolutions up to 4K/UHD@60Hz 4:4:4
- 3 Year Warranty

### CHE-HDWP85UD

- 4K 4K@60Hz
- 18Gbps
- Auto Switching
- Cat6 164ft
- 3 3 Year Warranty



## Pro AV/IT Integrator Series™ HDBaseT 4K60 18G HDMI over CATx Single Gang Wall Plate Extender Kit up to 230ft

Comprehensive's CHE-HDBTWP100K Wall Plate Extender kit is the perfect extension solution for applications requiring 18G HDMI signals to be extended over long distances. Featuring state of the art HDBT technology, allowing it to transmit up to 4K2K@60 (4:4:4) video.

### Features

- HHDMI 2.0 and HDCP 2.2 compliant
- Supports resolutions up to 4K2K@60Hz(4:4:4), 4K2K@30Hz, 1080p@120Hz
- Up to 7.1 channels HD audio
- 3 Year Warranty

### CHE-HDBTWP100K

- 4K 4K@60Hz
- 18Gbps
- PoC
- Cat6 230ft
- 3 3 Year Warranty



## Pro AV/IT Integrator Series™ USB 2.0 High Speed Single Gang Wall Plate Extender Kit up to 328ft

Comprehensive's CHE-HDBTWP105K Wall Plate Extender kit was designed to extend high speed USB 2.0 up to 328ft over Cat5e or Cat6 cables with data transfer speeds up to 480Mbps. It can be used as an extension for applicable USB devices such as keyboards, webcams, printers and more.

### Features

- Supports USB 2.0 protocol with a transmission rate up to 480Mbps
- Supports extended distances up to 328ft via CAT 5e/6 cable
- Compact design for easy and flexible installation
- 3 Year Warranty

### CHE-HDBTWP105K

- 480Mbps
- USB 2.0 Extension
- Cat6 328ft
- Plug & Play
- 3 3 Year Warranty



## Pro AV/IT Integrator Series™ HDBaseT™ 4K60 18G Single Gang Wall Plate Extender Kit with HDMI, VGA, Audio up to 230ft

Comprehensive's CHE-HDBTWP110K Wall Plate Extender kit is an HDMI and VGA switch with audio embedding and HDBaseT output. This Transmitter can send uncompressed high-definition video/ audio over a single cable up to 330ft at 1080p@60Hz.

### Features

- HDMI 2.0 and HDCP 2.2 compliant
- HDMI, VGA with 3.5mm mini-jack audio input
- Supports HDMI input resolutions up to 4K@60Hz (4:4:4, 8-bit)
- 3 Year Warranty

### CHE-HDBTWP110K

- 4K 4K@60Hz
- 18Gbps
- Cat6 230ft
- Auto Switching
- 3 3 Year Warranty



## Pro AV/IT Integrator Series™ HDBaseT 4K 18G Single Gang HDMI, USB 2.0 and Audio Wall Plate Extender Kit up to 230ft

Comprehensive's CHE-HDBTWP121K Wall Plate Extender kit was designed to extend HDMI, analog audio and high speed USB 2.0 signals up to 230ft over Cat5e or Cat6 cables. Perfect for all commercial AV/IT installations that requires HDMI and USB 2.0 and audio inputs.

### Features

- Extends your 4K HDMI, Audio and USB 2.0 High Speed Signals
- HDMI 2.0, 18Gbps
- HDCP 2.2 & 1.4 Compliant
- 3 Year Warranty

### CHE-HDBTWP121K

- 4K 4K@60Hz
- 18Gbps
- USB 2.0 Extension
- Cat6 230ft
- 3 3 Year Warranty



## Pro AV/IT Integrator Series™ HDBaseT 4K60 HDMI, USB-C, USB 2.0, Audio over Cat Single Gang Wall Plate Extender up to 230ft

Comprehensive's CHE-HDBTWP125MC is a 2x1 Wall Plate Extender with HDMI and USB-C inputs. The USB-C input provides an ideal AV interface for connecting with new Apple® notebooks and Windows® PC's, as well as smartphones and tablets. Supports video resolutions up to 4K@60Hz 4:4:4.

### Features

- USB-C AV Input
- Supports 18Gbps video bandwidth
- Video resolutions up to 4K@60Hz 4:4:4
- 3 Year Warranty

### CHE-HDBTWP125MC

- 4K 4K@60Hz
- 18Gbps
- USB-C 2.0 Extension
- Auto Switching
- 3 3 Year Warranty





# Extend Your Signals and Possibilities

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## Pro AV/IT Integrator Series™ HDBaseT™ 4K 18G Wall Plate Extender Kit with HDMI, USB, VGA and Audio up to 230ft

Comprehensive's CHE-HDBTWP240K HDBaseT Wall Plate Extender is perfect for all commercial AV/T installations and supports HDMI, USB 2.0 and VGA with audio inputs. It can transmit HDMI signal over CAT6/6a/7 to a distance up to 131ft for 4K2K@60Hz (4:4:4) or up to 230ft for 1080p60Hz.

### Features

- HDMI 2.0b 18Gbps
- HDCP 2.2 compliant
- Built-in scaling for VGA input
- 3 Year Warranty

### CHE-HDBTWP240K

- 4K
- 4K@60Hz
- 18Gbps
- USB 2.0 Extension
- Auto Switching
- 3
- 3 Year Warranty



## Pro AV/IT Integrator Series™ HDBaseT™ 4K60 18G HDMI Extender Kit with USB, Audio, LAN, RS232 up to 330ft

Comprehensive's CHE-HDBT255U is an HDBaseT™ 2.0 Extender with HDMI, USB, audio, LAN, IR and RS232 connectivity. This extender supports video resolutions up to 4K@60Hz 4:4:4 18Gbps. It also supports de-embedded audio for optical and L/R audio output and PoC function.

### Features

- HDCP 2.2 / HDCP 1.4 and DVI 1.0 compliant
- Supports 18Gbps video bandwidth
- Transmission distance via a single Cat5e/6 cable: 296ft for 4K2K and 330ft for 1080p
- 3 Year Warranty

### CHE-HDBT255U

- 4K
- 4K@60Hz
- 18Gbps
- USB 2.0 Extension
- Cat6 330ft
- 3
- 3 Year Warranty



## Pro AV/IT Integrator Series™ 4-Port USB 2.0 over CATx Extender up to 164ft

Comprehensive's CUE 104FE is a low cost and high performance 4 Port Plug and Play USB 2.0 over Cat5e/Cat6 Extender Hub Kit that transmits data from a computer to as many as four USB 2.0 peripherals up to 164ft away.

### Features

- Supports high speed USB 2.0 (Up to 480Mbps) over a Cat 5e/6 cable up to 50m/164ft
- Up to 4 USB device connections supported by the Hub
- Hot Swap compatible
- 3 Year Warranty

### CUE-104FE

- 480Mbps
- USB 2.0 Extension
- Cat6 164ft
- Plug & Play
- 3
- 3 Year Warranty



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

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..

### Features

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

### CHE-UHDC60K

- 4K
- 4K@60Hz
- USB-C
- Cat6/6A 196ft
- Plug & Play
- 3
- 3 Year Warranty



## Pro AV/IT Integrator Series™ HDBaseT 3.0 HDMI 4K 60Hz 4:4:4 with USB 2.0 , Audio, RS232 Extender Kit up to 330ft

With the Comprehensive CHE-HDBT3010K, experience the remarkable capabilities of the 18Gbps HDBaseT 3.0 Extender, designed to extend uncompressed HD/UHD video and audio signals, RS-232, bi-directional IR, and USB 2.0 signals up to an impressive distance of 328ft / 100m using a single CAT6A/7 cable..

### Features

- HDMI 2.0b and HDCP 2.2 compliant
- Supports 18Gbps video bandwidth
- Supports video resolution up to 4K2K@60Hz (YUV 4:4:4)
- 3 Year Warranty

### CHE-HDBT3010K

- 4K@60Hz
- 18Gbps
- Durable
- Cat6/6A/7 330ft
- 3
- 3 Year Warranty



## Pro AV/IT Integrator Series™ 4K UHD HDMI to HDBaseT™ 1x4 Distribution Amplifier up to 492ft

Comprehensive's CDA-CAT14018G is an 18Gbps HDMI 1x4 HDBaseT™ Distribution Splitter that can distribute one source signal to any 4 display devices. The HDMI signal transmission distance can be extended up to 393ft at the resolution of 4K2K@60Hz or up to 492ft at 1080P@60Hz.

### Features

- HDMI 2.0b, HDCP 2.2 and HDCP 1.x compliant
- Supports 18Gbps video bandwidth
- Supports video resolution up to 4K2K@60Hz 4:4:4
- 3 Year Warranty

### CDA-CAT14018G

- 4K
- 4K@60Hz
- 18Gbps
- Cat6 492ft
- Zero Latency
- 3
- 3 Year Warranty

