



## HDBaseT™ 4K 18G Wall Plate HDMI, USB 2.0, VGA and Audio Extender TX/RX Kit

The Comprehensive CHE-HDBTWP240K HDBaseT™ Wall Plate Extender is perfect for all commercial AV and IT installations and supports HDMI, USB 2.0 and VGA with audio inputs within a standard 2-Gang US Decora wall box. The CHE-HDBTWP240K 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.

Built in auto switching displays the last connected device, you can use the front button controls for manual switching, or serial RS-232 option for remote control. The USB KVM function enables the USB transmission from the receiver to the transmitter. Bi-directional power allows easy connection to either the wall plate end or receiver end. HDCP and EDID are supported via HDBaseT™. Supports any Windows OS and requires no driver set up.

This versatile extender kit includes 1 wall plate transmitter and 1 box style receiver and extends HDMI, USB, VGA and Stereo Audio signals up to 230ft. Connection to the wall box is easy using the 90° RJ45 cable connector.



**HDBT™ 4K60 18GB 4:4:4 60FPS HDCP 2.2 HDMI2.0**

### Features

- HDBaseT™ over a single CAT6/6a/7 cable up to 131ft distance for 4K@60Hz(4:4:4) or up to 230ft distance for 1080p@60Hz
- HDMI input solutions up to 4K2K@60Hz(4:4:4), 4K2K@30Hz, 1080p@120Hz
- HDMI 2.0b 18Gbps
- HDCP 2.2 compliant
- Supports 7.1 channels HD audio format
- Built-in scaling for VGA input
- Automatic and manual switching modes
- Two-way IR, RS-232 and USB 2.0 supported
- 2-Gang US Decora Wall Plate
- 24V POC is supported
- 3 Year Warranty



### Specifications

HDMI Bandwidth: 18Gbps

#### Wall plate Transmitter:

Input Ports: HDMI x 1, VGA x 1, USB Type-B x 1, 3.5mm Stereo Audio x 1, IR In (Phoenix jack) x 1, RS-232 (Phoenix jack) x 1  
 Output Ports: HDBaseT Out (RJ-45) x 1, IR Out (Phoenix jack) x 1  
 Video Resolutions:  
 HDMI: 4K2K@50/60Hz 4:4:4 (max)  
 VGA: 1080P@50/60Hz 4:4:4 (max)  
 Dimension: 3.6" x 4.13" x 1.7"  
 Weight: .9lbs

#### Receiver:

Input Ports: HDBaseT In (RJ-45) x 1, IR In (Phoenix jack) x 1, RS-232 (Phoenix jack) x 1, USB 2.0 (Type A) x 2, Service (micro USB) x 1  
 Output Ports: HDBaseT Out (RJ-45) x 1, IR Out (Phoenix jack) x 1

#### Video Resolutions:

Up to 4K@60Hz (4:4:4) to distance 131 feet (40 meters)  
 or up to 1080p@60Hz to distance 230 feet (70 meters)

HDMI Compliance: 2.0b

HDCP Compliance: 2.2 & 1.4

Power Supply: Input AC100-240V 50/60Hz, Output DC 24V/1A  
 (US/EU standards, CE/FCC/UL certified)

Power Consumption: 7.5 Watts

ESD Protection: Human Body Model: ±8kV (Air Discharge) & ±4kV (Contact Discharge)

Dimension: 6.78" x 3.83" x 0.78"

Weight: 1.0lbs

Operating Temperature 0°C - 40°C/32°F - 104°F

Storage Temperature: -20°C - 60°C/-4°F - 140°F

Total Shipping Weight: 2.0lbs

Warranty: 3 Years

WALLPLATES

**CHE-HDBTWP240K**