

**HDBT™ 4K60 18GB 4:4:4 60FPS HDCP 2.2 HDMI ⇌ USB 2.0**

- HDMI, VGA, and USB inputs on wall plate
- HDMI input supports 18 Gbps or 4Kx2K 60Hz with HDR
- VGA input accommodates resolutions to 1080p
- Uses HDBaseT 2.0 to 40m @ 4K/60Hz(4:4:4) or 70m @ 1080p/60Hz
- Stereo audio input to embed in VGA video
- VGA video is converted to HDMI and Scaled to 1080p
- Video automatically switches to the last plugged (VGA or HDMI)
- Button to override the automatic input selection
- Extends IR, RS-232 and USB 2.0
- 2-Gang Decora Wall Plate Sender is powered from the Receiver
- HDCP 2.2 compliant
- Supports 7.1 channels HD audio format
- 3 Year warranty

## Description

The Hall Research UHB-SW2 is a kit comprised of a 2-gang wall plate transmitter together with a low profile Receiver and associated power supply. The wall plate provides auto-switching VGA and HDMI inputs plus USB Host (PC). The system uses HDBaseT 2.0 for the most reliable operation possible. HDMI input supports 4K/60 HDR video and VGA and analog Audio input are converted to HDMI and scaled to be displayed on any TV or projector.

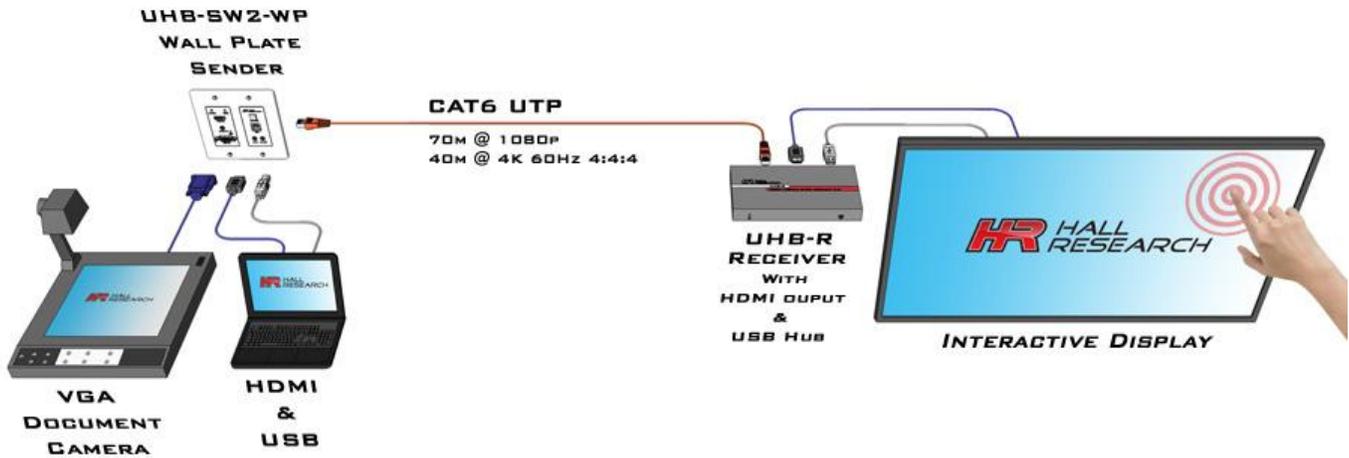
Auto switching will select and display the last connected input (HDMI or VGA), however a button is provided to easily override and select the desired input if required. The USB Extension enables use with keyboard, mouse, touch-screen or any other USB 1.1 and 2.0 devices including Smartboards, interactive displays, and USB webcams.

UHB-SW2 HDBaseT Wall Plate Extender is perfect for all commercial AV and Educational (K-12) installations and supports HDMI, USB 2.0 and VGA with audio inputs within a standard 2-Gang Decora wall plate.

The UHB-SW2 can transmit HDMI signal over CAT6/6a/7 to a distance up to 120 ft for 4K@60Hz (4:4:4) or up to 220ft for 1080p60Hz. IR signals are extended in both directions, and full duplex RS-232 control is also extended.

Power is sent from one end to the other allowing easy connection of the supply to either end.

This versatile extender includes 1 wall plate transmitter and 1 box style receiver



**UHDBT™ 4K60 18GB 4:4:4 <sup>50/60Hz</sup> HDCP 2.2 HDMI™ ⇌ USB 2.0**

## Specifications

### UHB-SW2-WP Wall plate Transmitter:

#### Ports:

HDMI In x1, VGA In x1, USB Type-B x1, Audio In (3.5mm) x1, IR In (3.5mm) x1, IR Out (3.5mm) x1, RS-232 (screw terminal) x1, HDBaseT (RJ45) x1

#### Max 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: 0.9lbs (1.5 lbs shipping)

### Receiver UHB-R:

#### Ports:

HDBaseT (RJ45) x1, IR In (3.5mm) x1, IR Out (3.5mm) x1, RS-232 (screw terminal) x1, USB 2.0 HUB (Type A) x2, Service (micro-USB) x1

#### Video Resolutions:

Up to 4K@60Hz (4:4:4) to 130 feet (40 meters) or 1080p@60Hz to 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: 1.8lbs (2.25 shipping)

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

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

Total Shipping Weight: 3.3lbs