The HDTools™ HWCE is a single-gang HDMI and USB 2.0 wall plate extension system providing Ultra HD/4K signal transmission over a single CATx cable to distances up to 130 ft. The HWCE can also transmit 3.5mm analog audio independent from the HDMI or USB input source. The HWCE is HDMI 1.4 and HDCP 2.2 compliant and supports CEC, as well as one-way RS-232 pass-through.

**Key Features**

- HDMI, 3.5mm audio, and USB 2.0 extension over HDBaseT™
- Supports resolutions up to 4K@60Hz (4:2:0)/4K@30Hz (4:4:4)
- Supports HDR (High Dynamic Range) content
- HDCP 2.2 & HDMI 1.4 compliant
- Supports distances up to 130ft. (40m) at Ultra HD/4K and 230ft. (70m) at 1080p
- Independent analog audio signal transmission
- RS-232 & CEC pass-through
- Remote power from receiver to transmitter
- Standard US 1-Gang Decora format (Tx)

**Technical Specifications**

**CONNECTOR TYPE/S**

**(TX/WALL PLATE)**

Inputs: (1) HDMI Type A, (1) 3.5mm stereo audio, (1) USB Type B, (1) RS-232, (1) DC 24V/GND

Outputs: (1) HDBaseT™ OUT [RJ45]

**CONNECTOR TYPE/S**

**(RX)**

Inputs: (1) HDBaseT™ IN [RJ45]

Outputs: (1) HDMI Type A, (1) 3.5mm stereo audio, (1) USB Type A, (1) RS-232, (2) USB Type A

**COMPLIANCE**

HDMI 1.4, HDCP 2.2, USB 2.0

**SUPPORTED BANDWIDTH**

10.2 Gbps

**SUPPORTED RESOLUTIONS**

4K@50/60Hz (4:2:0), 4K@30Hz (4:4:4), 1080P@120Hz, 1080p 3D@60Hz

**COLOR SPACE**

RGB/YCbCr 4:4:4, YCbCr 4:2:2

**COLOR DEPTH**

8-bit, 10-bit, 12-bit

**HDMI AUDIO FORMATS**

LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-Ex, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD

**ANALOG AUDIO FORMATS**

LPCM 2CH, LPCM 5.1, Dolby Digital 2/5.1Ch, DTS 2/5.1CH

**MAX POWER CONSUMPTION**

9 Watts

**POWER SUPPLY**

Input: AC100 - 340V 50/60Hz

Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)

**DIMENSIONS (WxDxH)**

Tx: 4.07” x 1.81” x 1.18” (103.5mm x 46mm x 30m)

Rx: 5.51” x 2.95” x 0.91” (140mm x 75mm x 23mm)

**WEIGHT**

Tx: 0.36 lbs. (163g)

Rx: 0.44 lbs. (200g)