



WP-HU70HDBT

The wall plate is a 2x1 switcher and HDBaseT transmitter with HDMI and USB-C input. It features a US one-gang enclosure for DECORA-style wall plate openings with interchangeable black and white wall plates and faceplates. The USB-C input provides an ideal AV interface for connecting with new Apple notebooks and Windows® PCs as well as smartphones and tablets. Support video resolution up to 4K@60Hz 4:4:4. The product is remotely powered by the receiver or other HDBaseT-equipped devices via POE.

FEATURE

- Compliant with HDMI 2.0b, HDCP 2.2 and DisplayPort 1.2a
- Support 18Gbps video bandwidth
- Video resolution up to 4K@60Hz 4:4:4
- HDBaseT output can extend video transmission distance up to 230ft / 70m for 1080P or 131ft / 40m for 4K via a single CAT6/6a/7 cable
- Support HDR10 and HDR10+
- Audio formats support Dolby Atmos, TrueHD, Digital+, Digital; DTS X, HD Master Audio, HD High Resolution Audio, 5.1; PCM 2-8Ch
- Support HDMI and USB-C input
- US one-gang enclosure for DECORA-Style wall plate openings
- Input signal selection supports automatic mode and manual mode
- USB2.0 extension with Receiver
- Support POE function (only from Receiver to Transmitter)
- With USB-C charging port
- Available in white or black coating

SPECIFICATION

Technical

HDMI Compliance:	HDMI 2.0b, DisplayPort 1.2a
HDCP Compliance:	HDCP 2.2
Video Bandwidth:	18Gbps
Video Resolution:	4096×2160@24/25/30/50/60Hz, 3840×2160@24/25/30/50/60Hz, 2048x1080p, 1080p@23.98/24/25/29.97/30/50/59.94/60Hz, 1080i@50/59.94/60Hz, 720p@50/59.94/60Hz, 576p, 576i, 480p, 480i
Color Space:	RGB/YCbCr 4:4:4, YCbCr 4:2:2, YUV 4:2:0
Color Depth:	8-bit, 10-bit, 12-bit
HDR:	HDR10, HDR10+
HDMI Audio Formats:	Dolby Atmos, TrueHD, Digital+, Digital; DTS X, HD Master Audio, HD High Resolution Audio 5.1; PCM 2-8Ch
Transmission Distance:	Max distance (1080p) : 230ft / 70m over CAT6/6a/7 Max distance (4K): 131ft / 40m over CAT6/6a/7
ESD Protection:	Human body model — ±8kV (Air-gap discharge) &±4kV (Contact discharge)

Connection

Transmitter:	
- Inputs:	1x HDMI Type A [19-pin female] 1x USB-C
- Outputs:	1x HDBaseT Out [RJ45, 8-pin female] 1x USB-C [only for charging]
- Control:	1x USB-B [Micro USB, Update port]
Receiver:	
- Inputs:	1x HDMI Type A [19-pin female] 1x HDBaseT [RJ45, 8-pin female]
- Outputs:	1x HDMI Type A [19-pin female] 1x Audio [Phoenix jack]
- Control:	2x USB-A 1x FW [Micro USB, Update port]

Mechanical

Housing:	Metal Enclosure
Color:	White/Black
Dimensions:	
- Wall Plate:	33.3mm [W] x 65.7mm [D] x 68.7mm [H]
- Faceplate:	69.9mm [W] x 3mm [D] x 114.3mm [H]
- Receiver:	200mm [W] x 98mm [D] x 23mm [H]
Weight:	Wall plate 196g, Receiver 511g.
Power Supply:	POE (only from Receiver to Transmitter)
Power Consumption:	Wall plate: 9W (Max), Receiver 11W (Max)
Operation Temperature:	32°F - 104°F / 0°C - 40°C
Storage temperature:	-4°F - 140°F / -20°C - 60°C
Relative Humidity:	20 - 90% RH (no condensation)

SPECIFICATION

