



## 1. Introduction

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.

## 2. Features

- 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

## 3. Package Contents

- 1× 18Gbps HDBaseT 70M with USB-C/HDMI & KVM Function Wall Plate Transmitter
- 1× User Manual

#### 4. Specifications

Technical	
HDMI Compliance	HDMI 2.0b, DisplayPort 1.2a
HDCP Compliance	HDCP 2.2
Video Bandwidth	18 Gbps
Video Resolution	4096x2160@24/25/30/50/60Hz, 3840x2160@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 / 4:2:2, YUV 4:2:0
Color Depth	8/10/12-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) & ESD Protection ±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 IN [Type A, 19-pin female] 1x HDBaseT IN [RJ45, 8-pin female] Outputs: 1x HDMI OUT [Type A, 19-pin female] 1x AUDIO OUT [Phoenix jack] Control: 2x USB [USB A TYPE] 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)

Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)