



## 18G, 2x1 HDMI/mini DP Wall Plate w/Auto-Switching, USB2.0, POE (1-Gang US Decora, 40M@4K, 70M@1080P) White color Tx/Rx pair

The wall plate serves as a 2x1 switcher and HDBaseT transmitter, accommodating HDMI and DP inputs. Encased in a US one-gang enclosure designed for Decora-style wall plate openings, it offers interchangeable black and white wall plates and faceplates for added flexibility. Capable of supporting video resolutions up to 4K/UHD@60Hz 4:4:4, this product also boasts USB 2.0 KVM functionality. Furthermore, it can be remotely powered by the receiver or other HDBaseT-equipped devices via POE, ensuring seamless operation.

### Feature Highlights

- Compliant with HDMI 2.0b, HDCP 2.2 and DisplayPort 1.2a
- Supports 18Gbps video bandwidth
- Video resolution up to 4K/UHD@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
- Supports 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
- Supports HDMI and MDP 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
- Supports POE function (only from Receiver to Transmitter)
- Available in white or black coating

TECHNICAL	
HDMI Compliance	HDMI 2.0b, DisplayPort 1.2a
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
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, YCbCr 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 (UHD/4K): 131ft / 40m over CAT6/6a/7
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

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)

CONNECTION	
Transmitter	Inputs: 1 x HDMI Type A [19-pin female] 2 x USB-B 1 x miniDP [20-pin female] Output: 1 x HDBaseT Out [RJ45, 8-pin female] Control: 1x 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] Controls: 2x USB [USB A TYPE] 1x FW [Micro USB, Update port]

## Classic Application Example

