



BG-EXHD-70UCWP-W

4K UHD 18GBPS HDBASET HDMI/MDP/RS-232
WALL PLATE TRANSMITTER & RECEIVER KIT UP TO
230FT

Introducing the BG-EXHD-70UCWP-W 18Gbps HDBaseT 230ft Wall Plate Kit, complete with an MDP/HDMI Wall Plate Transmitter and an HDBaseT to HDMI Receiver. Designed for seamless integration into your AV setup, this kit offers advanced connectivity and transmission capabilities while maintaining a sleek aesthetic with its Decora-style wall plate design.

The wall plate serves as both a 2x1 switcher and an HDBaseT transmitter, accommodating HDMI and DisplayPort (DP) inputs. Supporting video resolutions of up to 4K2K@50/60Hz 4:4:4, ensures stunning clarity and detail in your visuals. Additionally, bidirectional RS-232 pass-through allows for convenient control signal transmission up to 131ft / 40m.

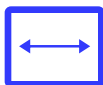


FEATURES



STANDARDS COMPLIANCE

This device is compliant with HDMI 2.0b, HDCP 2.2, and DisplayPort 1.2a standards



EXTENDED VIDEO TRANSMISSION

The HDBaseT output extends video transmission distances. Achieve up to 230ft / 70m for 1080P@60 or 131ft / 40m for 4K@60 using a single CAT6/6a/7 cable



ENHANCED VISUAL EXPERIENCE

Supports 3D, HDR10, and Dolby Vision for an immersive viewing experience



AUDIO FORMAT SUPPORT

Enjoy a variety of audio formats including LPCM, Dolby Digital/Plus/EX, Dolby TrueHD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, and DSD through HDMI



INPUT COMPATIBILITY

Offers support for both HDMI and MDP inputs, ensuring versatility in connectivity



POWER OVER ETHERNET

POE function is supported, transmitting power from Receiver to Transmitter for simplified setup and operation. (Note: POE function is only supported from Receiver to Transmitter)



TECH SPECIFICATIONS

Technical

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
DP Compliance	Display Port 1.2a
Video Bandwidth	DP: 5.4 Gbps HDMI: 18 Gbps
Video Resolution	480i~1080p50/60Hz, 4Kx2K@24/30Hz, 4K2K@60Hz
Color Space	RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0
Color Depth	8/10/12-bit (1080P@60Hz) 8-bit (4K@60Hz)
HDR	Support
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
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	Receiver
Inputs: 1x HDMI Type A [19-pin female] 1x miniDP [20-pin female] Outputs: 1x HDBaseT Out [RJ45, 8-pin female] Control: 1x RS-232 [3-pin phoenix connector] 1x FW [Micro USB, Update port]	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: 1x RS-232 [3-pin phoenix connector] 1x FW [Micro USB, Update port]

Mechanical

Housing	Metal Enclosure
Color	White
Dimensions (W x D x H)	Wall plate: 1.31in x 2.6in x 2.7in [33.3mm x 65.7mm x 68.7mm] Faceplate: 2.8in x 0.12in x 4.5in [69.9mm x 3mm x 114.3mm] Receiver: 7.9in x 4.0in x 0.87in [200mm x 102.8mm x 22mm]
Weight	Wall plate: 0.42 lbs [189g], Receiver: 1.1 lbs [517g]
Power Supply	POE (only from Receiver to Transmitter)
Power Consumption	Wall plate: 8W (Max), Receiver: 6W (Max)
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

Limited Product Warranty Terms

Pro Line: 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Essential Line: 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Cables: Lifetime Limited Product Warranty.

For complete warranty information, please visit bzbgear.com/warranty.

For questions, please call 1.888.499.9906 or email support@bzbgear.com.

Pro Line Products
5-YEAR WARRANTY
Essential Line Products
3-YEAR WARRANTY
Cables Products
LIFETIME WARRANTY

