

BG-EXHD-70UWP-W

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

Introducing the BG-EXHD-70UWP-W, an innovative 18Gbps HDBaseT Wall Plate Kit designed for seamless connectivity and high-performance transmission in professional AV setups. This kit includes a Wall Plate Transmitter and an HDBaseT to HDMI Receiver, offering unparalleled versatility and reliability in signal distribution.

Designed to fit seamlessly into Decora-style wall plate openings, this kit features a sleek US one-gang enclosure. The Wall Plate Transmitter serves as a 2x1 switcher and HDBaseT transmitter, supporting HDMI and DisplayPort (DP) inputs while also integrating USB 2.0 KVM functionality.



FEATURES



STANDARDS COMPATIBILITY

Compliant with HDMI 2.0b, HDCP 2.2, and DisplayPort 1.2a standards



RESOLUTION SUPPORT

Capable of displaying video resolutions up to 4K/UHD@60Hz 4:4:4



HDBASET OUTPUT

Extends video transmission distance up to 230ft / 70m for 1080P or 131ft / 40m for 4K via a single CAT6/6a/7 cable



HDR SUPPORT

Supports HDR10 and HDR10+ formats



AUDIO FORMATS

Supported audio formats include Dolby Atmos, TrueHD, Digital+, DTS X, HD Master Audio, HD High-Resolution Audio, and 5.1; PCM 2-8Ch



POE FUNCTIONALITY

Supports POE function (only from Receiver to Transmitter)



TECH 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, 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)

Connection

Transmitter	Receiver
Inputs: 1x HDMI Type A [19-pin female] 2x USB-B 1x miniDP [20-pin female] Outputs: 1x HDBaseT Out [RJ45, 8-pin female] Control: 1x 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: 2x USB [USB A TYPE] 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 3.9in x 0.91in [200mm x 98mm x 23mm]
Weight	Wall plate: 0.43 lbs [196g], Receiver: 1.1 lbs [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)

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

