



BG-EXH-70UWP-W

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

Introducing the BG-EXH-70UWP-W 18Gbps HDBaseT 230ft Wall Plate Kit, an advanced solution for high-definition signal distribution and transmission. Featuring a USB-C/HDMI & KVM Function Wall Plate Transmitter and an HDBaseT to HDMI Receiver, this kit delivers unparalleled performance and versatility for professional AV installations.

Encased in a sleek US one-gang enclosure tailored for Decora-style wall plate openings, the transmitter serves as a 2x1 switcher and HDBaseT transmitter, supporting HDMI and USB-C inputs for seamless integration with a wide range of AV devices. With support for resolutions up to 4K@60Hz 4:4:4, this kit ensures exceptional visual fidelity and clarity. Moreover, the transmitter can be conveniently powered via Power Over Ethernet (POE) from the receiver or other HDBaseT-equipped devices, enhancing flexibility and ease of installation.



FEATURES



STANDARDS COMPLIANCE

Compliant with HDMI 2.0b, HDCP 2.2, and DisplayPort 1.2a (Adapter required for Display Port)



VIDEO RESOLUTIONS

Capable of displaying up to 4K@60Hz 4:4:4



TRANSMISSION DISTANCE

Extends up to 230ft / 70m for 1080P or 131ft / 40m for 4K



HDR SUPPORT

Supports HDR10 and HDR10+



AUDIO FORMATS

Includes Dolby Atmos, TrueHD, Digital+, Digital; DTS X, HD Master Audio, HD High-Resolution Audio, 5.1; PCM 2-8Ch



POWER OVER ETHERNET

Supports POE (Receiver to Transmitter)



TECH SPECIFICATIONS

Technical

HDMI Compliance	HDMI 2.0b, DisplayPort 1.2a (Adapter required for Display Port)
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 (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 USB-C Outputs: 1x HDBaseT Out [RJ45, 8-pin female] 1x USB-C (only for charging) Control: 1x USB-B [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

