



## 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
<b>Inputs:</b> 1x HDMI Type A [19-pin female] 1x USB-C <b>Outputs:</b> 1x HDBaseT Out [RJ45, 8-pin female] 1x USB-C (only for charging) <b>Control:</b> 1x USB-B [Micro USB, Update port]	<b>Inputs:</b> 1x HDMI IN [Type A, 19-pin female] 1x HDBaseT IN [RJ45, 8-pin female] <b>Outputs:</b> 1x HDMI OUT [Type A, 19-pin female] 1x AUDIO OUT [Phoenix jack] <b>Controls:</b> 2x USB [USB A TYPE] 1x FW [Micro USB, Update port]

### Mechanical

Housing	Metal Enclosure
Color	White
Dimensions (W x D x H)	<b>Wall plate:</b> 1.31in x 2.6in x 2.7in [33.3mm x 65.7mm x 68.7mm] <b>Faceplate:</b> 2.8in x 0.12in x 4.5in [69.9mm x 3mm x 114.3mm] <b>Receiver:</b> 7.9in x 3.9in x 0.91in [200mm x 98mm x 23mm]
Weight	<b>Wall plate:</b> 0.43 lbs [196g], <b>Receiver:</b> 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)

## Industry-Leading Warranty & Support

BZBGEAR Pro AV products and Cameras come with a three-year warranty. An extended two-year warranty is available for our Cameras upon registration for a total of five years. We pride ourselves in our Customer Service and seven-days-a-week Tech Support.

