

## 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
<b>Inputs:</b> 1x HDMI Type A [19-pin female] 2x USB-B 1x miniDP [20-pin female] <b>Outputs:</b> 1x HDBaseT Out [RJ45, 8-pin female] <b>Control:</b> 1x 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.

