

## 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.

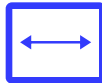


### FEATURES



#### 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
<b>Inputs:</b> 1x HDMI Type A [19-pin female] 1x miniDP [20-pin female] <b>Outputs:</b> 1x HDBaseT Out [RJ45, 8-pin female] <b>Control:</b> 1x RS-232 [3-pin phoenix connector] 1x FW [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> 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)	<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 4.0in x 0.87in [200mm x 102.8mm x 22mm]
Weight	<b>Wall plate:</b> 0.42 lbs [189g], <b>Receiver:</b> 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)

## 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.

