

BG-EXH-70WP-W

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

Introducing the BG-EXH-70WP-W HDBaseT Wall Plate Kit, featuring a sophisticated HDBaseT Wall-plate Transmitter and an HDBaseT to HDMI Receiver, designed to elevate your AV experience with seamless signal transmission and exceptional performance.

The transmitter boasts HDMI 2.0b compliance and HDCP 2.2 compatibility, ensuring seamless connectivity and support for high-definition content. With support for resolutions up to 4K2K@60Hz (4:4:4), 4K2K@30Hz, and 1080p@120Hz, it delivers stunning visual clarity and fidelity, making it perfect for a wide range of applications.



FEATURES



STANDARDS COMPLIANCE

Supports HDMI 2.0b with a bandwidth of 18Gbps and complies with HDCP 2.2 standards



HIGH-RESOLUTION SUPPORT

Accommodates resolutions up to 4K2K@60Hz (4:4:4), 4K2K@30Hz, and 1080p@120Hz



AUDIO CAPABILITY

Capable of transmitting up to 7.1 channels of HD audio



TRANSMISSION TECHNOLOGY

Utilizes HDBaseT™ technology over a single CAT 6/6a/7 cable, extending signals up to 230ft/70m



CONTROL FEATURES

Supports two-way IR and RS-232 communication for enhanced control capabilities



POWER MANAGEMENT

Incorporates POC (Power Over Cable) function, where either the transmitter (TX) or receiver (RX) is powered by a 24V1A power supply, reducing reliance on additional power sources. POC power consumption is less than 10W



TECH SPECIFICATIONS

Technical

HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 1.4 and HDCP 2.2
Video Bandwidth	18 Gbps
Video Resolution	Up to 4K2K@50/60Hz (YUV4:4:4), 4K2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB/YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
HDMI Audio Formats	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
Optical Audio Formats	LPCM 2CH, LPCM 5.1, Dolby Digital 2/5.1CH, DTS 2/5.1CH
ESD Protection	Human body model—±8kV (Air-gap discharge) & ±4kV(Contact discharge)

Connection

Transmitter	Receiver
Inputs: 1x HDMI Type A [19-pin female] 1x IR INPUT [Phoenix jack] 1x RS-232 [Phoenix jack]	Inputs: 1x HDBaseT IN [RJ45, 8-pin female]
Outputs: 1x HDBaseT OUT [RJ45] 1x IR OUTPUT [Phoenix jack] 1x RS-232 [Phoenix jack]	Outputs: 1x HDMI OUT [Type A, 19-pin female]
	Controls: 1x IR in, 1x IR out, 1x RS-232 serial port

Mechanical

Housing	Plastic-Front Panel, Metal-Rear Case
Color	White-Front Panel, Black-Rear Case
Dimensions (W x D x H)	Wall plate: 4.1in x 1.8in x 1.2in [103.5mm x 46mm x 30mm] Receiver: 4.6in x 2.6in x 0.71in [117mm x 66mm x 18mm]
Weight	Wall plate: 5.75 oz [163g] Receiver: 7.1 oz [201g]
Power Supply	Input: AC100 - 240V 50/60Hz, Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	9W (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.

