

BG-EXHD-50UWP-W

4K UHD 18GBPS HDMI/MDP WALL PLATE
TRANSMITTER & RECEIVER KIT UP TO 164FT

Introducing the BG-EXHD-50UWP-W 18Gbps CAT 164ft Wall Plate Kit, a cutting-edge solution engineered to enhance your audiovisual experience to new heights. This all-encompassing kit features a sophisticated MDP/HDMI Wall Plate Transmitter paired with a CAT6 to HDMI Receiver, meticulously crafted to deliver unrivaled performance and effortless integration.

Experience seamless connectivity and pristine image quality with the advanced MDP/HDMI Wall Plate Transmitter. Equipped with HDMI and DisplayPort inputs, this transmitter ensures compatibility with a wide range of devices, while its sleek US one-gang enclosure seamlessly blends into any decor.

Extend your viewing experience with the CAT6 to HDMI Receiver, delivering high-definition content to your display device with uncompromising clarity and reliability. With support for resolutions up to 4K/UHD@60Hz 4:4:4 and a transmission distance of up to 164ft / 50m, this receiver offers unparalleled flexibility in installation.



FEATURES



STANDARDS COMPLIANCE

This device adheres to industry standards including HDMI 2.0b, HDCP 2.2, and DisplayPort 1.2a



HIGH-RESOLUTION CAPABILITY

Display video resolutions up to 4K/UHD@60Hz with a 4:4:4 color sampling ratio



CAT6 OUTPUT

Utilizing CAT6 output extends video transmission distances up to 164ft / 50m for 4K@24 or 115ft / 35m for 4K@60 444 using a single CAT5e/6 cable



AUDIO COMPATIBILITY

HDMI audio formats supported include LPCM, Dolby Digital/Plus/EX, Dolby TrueHD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, and DSD



CONVENIENT SIGNAL SELECTION

Input signal selection can be set to automatic or manual mode for convenience



POWER OVER CABLE

Supports Power Over Cable functionality, but only 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 (4K@24) : 164ft / 50m over CAT5e/6 Max distance (4K@60) : 115ft / 35m over CAT5e/6
ESD Protection	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Connection

Transmitter	Receiver
Inputs: 1x HDMI Type A [19-pin female] 1x mini DP [20-pin female] Outputs: 1x CAT6 OUT [RJ45, 8-pin female] Control: 1x FW [Micro USB, Update port]	Inputs: 1x CAT IN [RJ45, 8-pin female] Outputs: 1x HDMI OUT [Type A, 19-pin female] Controls: 1x IR IN [3.5mm Stereo Mini-jack] 1x SERVICE [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: 3.5in x 2.4in x 0.71in [88mm x 61mm x 18mm]
Weight	Wall plate: 0.39 lbs [175g], Receiver: 0.34 lbs [155g]
Power Supply	POE (only from Receiver to Transmitter)
Power Consumption	Wall plate: 2.2W (Max), Receiver: 3.72W (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.

