



## BG-8K-DA12

1X2 8K UHD HDMI 2.1 SPLITTER (8K60 4K120 4:4:4 10BIT)

The BG-8K-DA12 1x2 HDMI Splitter is a high-performance device designed to split a single HDMI signal into two simultaneous HDMI outputs, delivering exceptional video quality with resolutions up to 8K@60Hz 4:2:0 12-bit. Engineered for demanding applications, this splitter supports data rates up to 48Gbps and complies with the latest HDMI 2.1 and HDCP 2.3 standards, ensuring seamless integration into any setup.

With advanced EDID management and cable equalization features, it's the ideal solution for gaming and high-definition video environments. Whether connected to an Xbox, PS5, or any 4K/8K-capable device, this splitter allows for 4K@120Hz output on multiple TVs or monitors, offering a seamless experience for gaming and entertainment enthusiasts alike.



## FEATURES



### HDCP 2.3 COMPLIANT

Ensures secure content protection and compatibility with the latest HDMI standards



### STUNNING RESOLUTION SUPPORT

Handles video resolutions up to 8K@60Hz (4:2:0, 12-bit) and 4K@120Hz (4:4:4, 12-bit) as per HDMI 2.1 specifications



### HDMI 2.1 PROTOCOLS

Supports VRR, ALLM, QMS, QFT, and SBTM for enhanced gaming and dynamic video performance



### ADVANCED HDR COMPATIBILITY

Passes through HDR, HDR10, HDR10+, Dolby Vision, and HLG for vivid color and contrast



### AUTO DOWNSCALING

Automatically downscales 8K to 4K or 8K/4K to 1080P on all outputs for compatibility with lower-resolution displays



### COMPACT DESIGN

Enables easy and flexible installation in any setup



## TECH SPECIFICATIONS

### Technical

HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	48Gbps FRL and 18Gbps TMDS
Video Resolution	Up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit
Color Depth	8/10/12bit
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Audio Formats	<b>HDMI Input/Output:</b> LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

### Connection

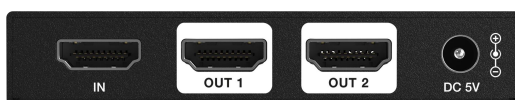
Input	1 × HDMI IN [Type A, 19-pin female]
Output	2 × HDMI OUT [Type A, 19-pin female]
Control	1 × SERVICE [USB Type C, Update port]

### Mechanical

Housing	Metal Enclosure
Color	Black
Dimensions (WxDxH)	3.7in x 2.7in x 0.71in [95mm x 68mm x 18mm]
Weight	0.39 lbs [177g]
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 5V/2A (US/EU standards, CE/FCC/UL certified)
Power Consumption	4.3W (Max)
Operating Temperature	32° - 104°F / 0° - 40°C
Storage Temperature	-4° - 140°F / -20° - 60°C
Relative Humidity	20 - 90% RH (no condensation)

Recommended HDMI Cable	8K60	4K60	4K24	1080P
HDMI Cable Length (HDMI in / out)	3m/10ft (Ultra HDMI 2.1)	8m/26ft	12m/39ft	15m/49ft

The use of "Premium High Speed HDMI" cables is highly recommended.



## 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.

