



BG-8K-DA12

1X2 8K UHD HDMI 2.1 SPLITTER WITH AUTO
DOWNSCALING (8K60/4K120 AND VRR/ALLM/QMS/
QFT/SBTM SUPPORT)

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

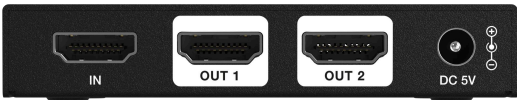
HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	48Gbps FRL and 18Gbps TMDS
Video Resolution	Up to 8K@60Hz 4:2:0 12-bit, 4K@120Hz 4:4:4 12-bit
Color Depth	8/10/12-bit
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Audio Formats	HDMI Input/Output: LPCM, Dolby Digital/Plus/EX, 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]	Housing	Metal Enclosure
		Color	Black
		Dimensions (WxDxH)	3.7in x 2.7in x 0.71in [95mm x 68mm x 18mm]
Output	2 × HDMI OUT [Type A, 19-pin female]	Weight	0.39 lbs [177g]
		Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 5V/2A (US/EU standards, CE/FCC/UL certified)
Control	1 × SERVICE [USB Type C, Update port]	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.



Limited Product Warranty Terms

Pro Line: 5-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Essential Line: 3-year warranty from the date of purchase for AV/Broadcasting products bought on or after August 1, 2024.

Cables: Lifetime Limited Product Warranty.

For complete warranty information, please visit bzbgear.com/warranty.
For questions, please call 1.888.499.9906 or email support@bzbgear.com.

Pro Line Products

5-YEAR WARRANTY

Essential Line Products

3-YEAR WARRANTY

Cables Products

LIFETIME WARRANTY