



BG-8K-DA14A-G2

1X4 8K UHD HDMI 2.1 48GBPS SPLITTER WITH AUTO DOWNSCALING/AUDIO DE-EMBEDDER (8K60/4K120 AND VRR/FVA/ALLM SUPPORT)

The BG-8K-DA14A-G2 is a high-performance 1x4 HDMI 2.1 splitter designed to distribute a single 8K HDMI source to up to four display devices simultaneously. Supporting cutting-edge 8K@60Hz and 4K@120Hz resolutions, this splitter ensures crystal-clear visuals with HDR10+, Dolby Vision, and HLG for a truly immersive viewing experience. With a robust 48 Gbps FRL bandwidth, HDCP 2.3 compliance, and advanced gaming features like VRR and ALLM, this device is perfect for home theaters, gaming setups, and professional AV environments. Additionally, its built-in audio de-embedding capability allows seamless extraction of audio through optical S/PDIF and analog L/R outputs, offering enhanced flexibility for integrating external sound systems.

For audio enthusiasts, the BG-8K-DA14A-G2 offers high-fidelity sound formats, including Dolby Atmos, DTS-HD Master Audio, and LPCM 7.1CH, creating a cinematic sound experience. The built-in audio de-embedding function provides dedicated optical and 3.5mm analog outputs, making it easy to connect external speakers or sound systems without interfering with HDMI audio signals.



FEATURES



8K HDMI 2.1 SUPPORT

Supports up to 8K@60Hz (4:2:0, 12-bit) and 4K@120Hz (4:4:4, 12-bit) for ultra-smooth visuals and deep color



HDCP 2.3 COMPLIANCE

Secures content protection for streaming devices, gaming consoles, and Blu-ray players



HDR & ADVANCED VIDEO

Supports HDR, HDR10+, Dolby Vision, and HLG for enhanced brightness, contrast, and color depth



CONTENT-OPTIMIZED

Features VRR, FVA, and ALLM for reduced lag and screen tearing



AUDIO DE-EMBEDDING

Extracts audio via optical (S/PDIF) and 3.5mm analog outputs for external sound systems



ADVANCED EDID MANAGEMENT

Customizable EDID settings ensure seamless source-display communication



TECH SPECIFICATIONS

Technical

HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3, HDCP 1.4
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, 8K@30Hz 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 Technical Audio De-embedded Output: Optical: LPCM/Dolby/DTS 5.1CH Analog: LPCM 2CH
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Connection

Input	1 x HDMI IN [Type A, 19-pin female]	Housing	Metal Enclosure
Output	4 x HDMI OUT [Type A, 19-pin female] 1 x OPTICAL [S/PDIF] 1 x L/R [3.5mm Stereo Mini-jack]	Dimensions (W x D x H)	6.9in x 2.7in x 0.7in [176mm x 68mm x 18mm]
Control	1 x SERVICE [USB Type C, Update port]	Weight	0.65 lbs [295g]
		Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 5V/2A (US/EU standards, CE/FCC/UL certified)
		Power Consumption	6W (Max)
		Operation Temperature	32°F ~ 104°F / 0°C ~ 40°C
		Storage Temperature	-4°F ~ 140°F / -20°C ~ 60°C
		Relative Humidity	20~90% RH (non-condensing)

Recommended HDMI Cable

8K 4K60 4K24 1080P

HDMI Cable Length (HDMI in / out)	3m/10ft (Ultra HDMI 2.1)	8m/26ft	12m/39ft	15m/49ft
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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