

BG-8K-DA 8K Splitter Series

BG-8K-DA12A (1x2 Splitter)
BG-8K-DA14A (1x4 Splitter)

8K@60Hz UHD HDMI 2.1 with Audio De-embedder
(4K@120Hz 4:4:4 10bit VRR, FVA, ALLM support)

Introducing the BG-8K-DA 8K Splitter series that takes your viewing and gaming experience to the next level. With HDMI 2.1 and HDCP 2.3 compliance, this splitter supports the latest technologies for video and content protection, ensuring that your content is delivered with the highest quality.

For video enthusiasts, the BG-8K-DA series supports a range of HDR formats, including HDR, HDR10, HDR10+, Dolby Vision, and HLG pass through. This allows you to enjoy a wider range of colors and contrast for a more immersive viewing experience.



FEATURES

- HDMI 2.1 and HDCP 2.3 compliant
- Support 40Gbps video bandwidth
- Support video resolution up to 8K@60Hz 4:2:0 10bit, 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit
- VRR, FVA, ALLM supported
- Support HDR, HDR10, HDR10+, Dolby Vision, HLG pass through
- 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
- Built-in Equalizer, Retiming and Driver
- Advanced EDID management
- Support audio de-embedding function (output through the optical and analog port)
- Compact design for easy and flexible installation

BG-8K-DA12A 1x2 Splitter



BG-8K-DA14A 1x4 Splitter



Specifications

Technical

HDMI Compliance: HDMI 2.1

HDCP Compliance: HDCP 2.3

Video Bandwidth: 40Gbps

Video Resolutions: Up to 8K@60Hz 4:2:0 10bit,

8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit

Color Depth: 8/10/12-bit

Color Space: RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0

Audio Formats:

HDMI input/output: LPCM, Dolby Digital/Plus/EX,

Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD

Audio de-embedding output:

Optical: LPCM 2/5.1 CH, Dolby Digital 2/5.1 CH, DTS 2/5.1 CH

Analog: PCM 2.0

ESD Protection:

Human-body model:

38kV (Air-gap discharge) & 34kV (Contact discharge)

Connection

Input:

1x HDMI IN [Type A, 19-pin female]

Output:

2x HDMI OUT (BG-8K-DA12A)

4x HDMI OUT (BG-8K-DA14A)

1x OPTICAL [S/PDIF]

1x L/R [3.5mm Stereo Mini-jack]

Control:

1x SERVICE [Micro USB, Update port]

Mechanical

Housing: Metal Enclosure

Silkscreen Color: Black

Dimensions:

BG-8K-DA12A: 5.7"(W) x 2.7"(D) x 0.67"(H) [145mm(W) x 68mm(D) x 17mm(H)]

BG-8K-DA14A: 8.3"(W) x 3.7"(D) x 0.9"(H) [212mm(W) x 94mm(D) x 23mm(H)]

Weight:

BG-DA-12A: 0.57lbs [258g]

BG-DA-14A: 1.2lbs [539g]

Power Supply:

Input: AC 100-240V 50/60Hz

Output:

BG-DA-12A: DC 5V/2A

BG-DA-14A: DC 12V/2.5A

(US/EU standards, CE/FCC/UL certified)

Power Consumption:

BG-DA-12A: 4.15W (Max)

BG-DA-14A: 9W (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

Video Resolution: 8K, 4K60, 4K24, 1080P

HDMI Cable Type: Ultra HDMI 2.1, HDMI 2.0, HDMI 1.4, HDMI 1.4

HDMI Cable Length (HDMI IN / OUT): 3m/10ft, 8m/26ft, 12m/39ft, 15m/49ft

The use of "Premium High Speed HDMI" cable 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.

**LIFETIME
PRODUCT SUPPORT**

PRO AV	CAMERAS
3 YEAR WARRANTY	5 YEAR WARRANTY