

**BG-3GS14**  
**1X4 3G-SDI Splitter**

The BG-3GS14 is a 1x4 3G-SDI splitter that splits one SDI input to four SDI outputs simultaneously. With signal rellocking feature it also extends video signal for a long distance. This reliable and powerful tool providing consistent connections in a variety of different scenarios, like adding multiple outputs for monitoring video feed on a separate displays, splitting the signal and cascading multiple displays for large video distribution system or just to extend SDI signal.

The BG-3GS14 supports a maximum resolution of 1080p@60Hz with 3G-SDI signal. The device also supports a wide range of data rates from 270 Mbps at the low end to a maximum bandwidth of 2.97 Gbps. There is also support for multiple deep color settings such as 8 bit, 10 bit, and 12 bit.

**FEATURES**

- Supports multiple video resolution:

SD 480i, 576i and 625i; HD 720p @24/25/30 /50/60; HD 1080i

@50/60; HD 1080p @24/25/30; 3G 1080p @50/60

- This product is specially designed with equalizer IC in its input and drive IC in its outputs. All of the input and outputs support long coaxial cable

- Supports wide range data rates: 270Mbps~2.97Gbps

- Supports multiple deep color: 8bit, 10bit, 12bit

- Supports multiple color space:

RGB or YCbCr 4:4:4 sampled; YCbCr 4:2:2 or 4:2:0 sampled



## Signal Input/Output

Input Connector: 1x SDI BNC Male

Output Connector: 4x SDI BNC Male

SDI Cable Distance (RG59 cable):

3G Mode Up to 80m

HD Mode Up to 120m

SD Mode Up to 200m

## Mechanical

Size (LxWxH): 6.1" x 3.4" x 9.4" [155 x 86 x 23.5mm]

Weight (Net): 0.6 lbs [266 g]

## Environmental

Operating Temperature: 32°F to +158°F / 0°C to +70°C

Operating Humidity: 10% to 85% RH (no condensation)

Storage Temperature: 14°F to +176°F / -10°C to +80°C

Storage Humidity: 5% to 90% RH (no condensation)

## Power Requirement

External Power Supply: 5V DC@ 2A

Power Consumption (max): 1.2W

## Regulatory Approvals

Converter Unit: FCC, CE, UL

Power Supply: UL, CE, FCC

## 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.



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NO