

BG-3GS12
1X2 3G-SDI Splitter

The BG-3GS12 is a 1x2 3G-SDI splitter that splits one SDI input to two 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 second output for monitoring video feed on a separate display, splitting the signal and cascading multiple displays or just to extend SDI signal.

The BG-3GS12 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;t YCbCr 4:2:2 or 4:2:0 sampled



Signal Inputs/Output

Input Connector: 1x SDI BNC Male
Output Connector: 2x 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): 4.4" x 3.5" x 1.2" [112 x 90 x 29.3mm]
Weight (Net): 0.33 lbs [150 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) 1W

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.

