

BG-3GS12

SDI 1x2 Splitter

Quick Installation Guide

INTRODUCTION:

This is a 1X2 splitter, which makes it possible to transfer 1 SDI signal to 2 SDI monitors.

FEATURES:

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 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

Supports multiple color space :

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

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

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

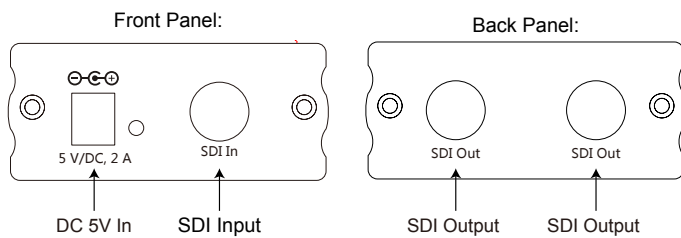
PACKAGE CONTENTS:

- 1× BG-3GS12
- 1x Power adapter 5V@2A
- 1× Quick Installation Guide

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PANEL DESCRIPTIONS:



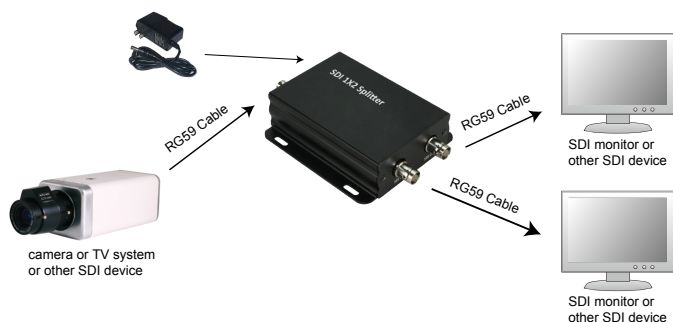
DC 5V In: Power in, DC 5V/2A adapter use.

SDI Input: SDI input, connects to SDI signal source, such as SDI camera.

SDI Output: SDI output, connect with SDI monitor or other SDI Device.

SDI Output: SDI output, connect with SDI monitor or other SDI Device.

CONNECTION DIAGRAM:



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Connection and Operation:

- (1) Connect the product to appropriate power.
- (2) Connect the SDI signal to "In" through 75Ω coaxial cable of high quality (RG59 cable or other equivalents as well).
- (3) Connect SDI monitors (or other SDI devices) to "OUT1" ("OUT2") interface through 75Ω coaxial cable.
- (4) Operate the SDI signal to start the show.

SPECIFICATIONS:

Signal Input/ 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(L-W-H)	112×90×29.3mm
Weight (Net)	150g
Environmental	
Operating Temperature	0 °C to +70 °C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-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
Accessories Adapter	
User Manual	English version

Note: Specifications are subject to change without notice

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WARRANTY:

BZBGear wants to assure you peace of mind. We're so confident in the quality of our products that along with the manufacturer's one-year limited warranty, we are offering free second-year warranty coverage upon registration*!

Taking advantage of this program is simple, just follow the steps below:

1. Register your product within 90 days of purchase by visiting BZBGear.com/warranty.
2. Complete the registration form. Provide all necessary proof of purchase details, including serial number and a copy of your sales receipt.

For questions, please call 1.888.499.9906 or email support@bzbgear.com.

For complete warranty information, please visit BZBGear.com/warranty or scan the QR code below.



*Terms and conditions apply. Registration is required.

MISSION STATEMENT:

BZBGear manifests from the competitive nature of the audiovisual industry to innovate while keeping the customer in mind. AV solutions can cost a pretty penny, and new technology only adds to it. We believe everyone deserves to see, hear, and feel the advancements made in today's AV world without having to break the bank. BZBGear is the solution for small to medium-sized applications requiring the latest professional products in AV.

We live in a DIY era where resources are abundant on the internet. With that in mind, our team offers system design consultation and expert tech support seven days a week for the products in our BZBGear catalog. You'll notice comparably lower prices with BZBGear solutions, but the quality of the products is on par with the top brands in the industry. The unparalleled support from our team is our way of showing we care for every one of our customers. Whether you're an integrator, home theater enthusiast, or a do-it-yourselfer, BZBGear offers the solutions to allow you to focus on your project and not your budget.