

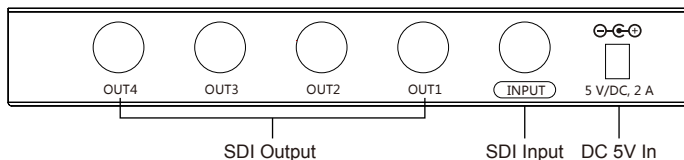
BG-3GS14

SDI 1X4 Splitter

Quick Installation Guide

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PANEL DESCRIPTIONS:

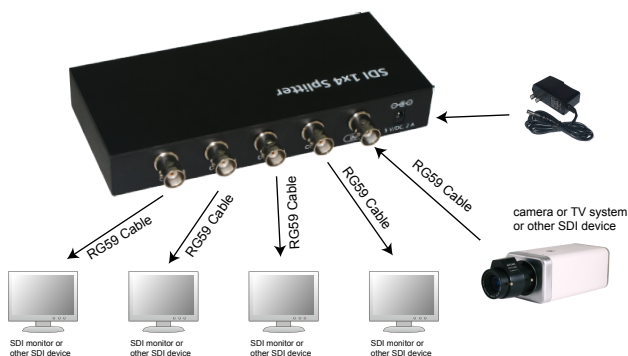


DC 5V In: Power in, DC 5V/2A adapter use.

SDI Input: connect to SDI signal source, such as SDI camera.

SDI Output: connect to SDI monitors or other SDI devices.

CONNECTION DIAGRAM:



CONNECTION AND OPERATION:

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INTRODUCTION:

This is a 1X4 SDI splitter, which makes it possible to transfer 1 SDI signal to 4 monitors simultaneously.

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 data rates: 270Mbps~2.97Gbps

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

PACKAGE CONTENTS:

- 1× BG-3GS14
- 1x Power adapter 5V@2A
- 1× User Manual

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- (1) Connect the product to appropriate power.
- (2) Connect the SDI signal to the "IN" through 75Ω coaxial cable of high quality (RG59 cable or equivalent as well).
- (3) Connect the SDI monitor or other SDI devices to the "OUT1" ("OUT2", "OUT3", "OUT4") 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	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(L-W-H)	155×86×23.5 mm
Weight (Net)	266 g
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)	1.2W
Regulatory Approvals	
Converter Unit	FCC,CE,UL
Power Supply	UL,CE,FCC
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:

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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.