

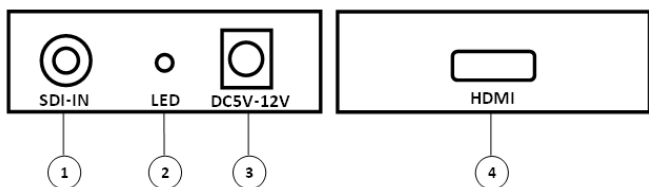
BG-3GSH

MINI 3G SDI to HDMI Converter

Quick Installation Guide

1

CONNECTION AND OPERATION:



1. SDI IN: Connect the SDI source output.
2. POWER LED: This red LED illuminates when the device is connected with the power supply.
3. HDMI OUT: Connect the HDMI display with an HDMI cable.
4. DC IN: Port for the 5V-12V DC power supply.

CONNECTION DIAGRAM:



3

INTRODUCTION:

The MINI SDI to HDMI converter allows SD-SDI, HD-SDI and 3G-SDI signals to be shown on HDMI displays while ensuring high bit rates of 2.970 Gbit/s to give you fast signal transmission without any loss. For professionals this means that it is now easier to distribute and extend your 3G SDI signal while giving you the ability to display your work on HDMI displays thanks to the built-in HDMI converter.

FEATURES:

- Operation at 2.970Gbit/s, 1.485Gbit/s and 270Mbits/s
- Supports SMPTE 425M, SMPTE 424M, SMPTE 292M, SMPTE 259M-C
- Equalized and re-clocked loop output Integrated audio de-embedder for a maximum of 8 channel, 48 KHz Audio
- Conversion from SMPTE 425M level B to Level A 1080p 50/59.94/60 4:2:2 10-bit
- Connect with other units to extend your signal over long distances

PACKAGE CONTENTS:

- 1x 3G SDI to HDMI Converter
- 1x 5V DC Power Supply Adaptor
- 1x User Manual

2

SPECIFICATIONS:

Input Port: 1 x BNC (SDI/HD-SDI/3G-SDI)
 Output Port: 1 x HDMI
 SDI Transmission Rates: 2.970 Gbit/s and 2.970/1.001 Gbit/s
 In/Output Resolution: 480i, 576i, 720p@50/59.94,60,1080i@50/59.94/60
 1080p@23.97/24/25/29.97/30/50/59.94/60
 Power Supply: DC 5V -12V
 ESD Protection Human body model: ±8kV (air-gap discharge)
 ±4kV (contact discharge)
 Dimension: 80mm x 41mm x 25 mm
 Weight: 150g
 Operating Temperature: 0°C ~ 40°C / 32°F ~ 104°F
 Storage Temperature: -20°C ~ 60°C / -4°F ~ 140°F
 Relative Humidity: 20 ~ 90% RH (Non-condensing)
 Power Consumption (Max): 5W

4

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.