

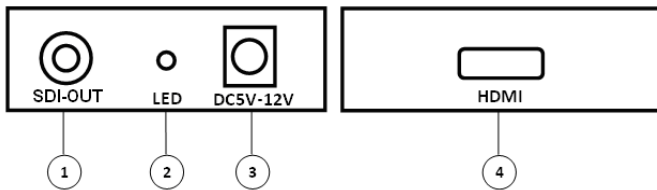
BG-H3GS

MINI 3G HDMI to SDI Converter

Quick Installation Guide

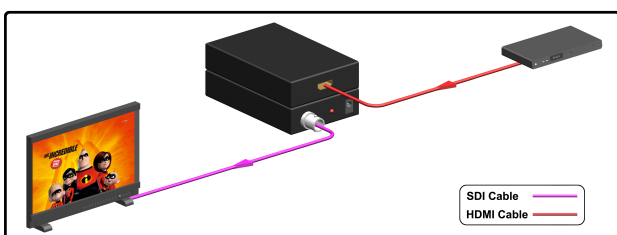
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CONNECTION AND OPERATION:



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

CONNECTION DIAGRAM:



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INTRODUCTION:

The MINI HDMI to SDI Converter allows HDMI signals to be shown on SDI display while ensuring high bit rates of 2.970 Gbit/s to give you high resolution signal without any loss. For professionals this means that it is now easier to convert your high def HDMI signal with audio to SDI for long distance transmission and display your work on SDI display.

FEATURES:

- Shows HDMI source on SDI display.
- SDI interface operates at bitrates of 2.970 Gbit/s, 2.970/1.001 Gbit/s, 1.485 Gbit/s, 1.485/1.001 Gbit/s and 270 Mb/s.
- Supports HDMI input timings: 480i@59.94, 576i, 720p@50/59.94/60, 1080i@50/59.94/60, 1080p@23.98/24/25/29.97/30/50/59.94/60.
- Converts HDMI signal to SDI:
 - 480i/576i to SD-SDI (SMPTE 259M-C, at bitrates of 270 Mbit/s)
 - 720p/1080i to HD-SDI (SMPTE 292M, at bitrates of 1.485 Gbit/s or 1.485/1.001 Gbit/s)
- 1080p to 3G-SDI (SMPTE 424M/425M-AB, at bitrates of 2.970 Gbit/s and 2.970/1.001 Gbit/s)
- Supports SDI output distance up to 100 meters (3G-SDI), 200 meters (HD-SDI), or 300 meters (SD-SDI)

PACKAGE CONTENTS:

- 1x 3G HDMI to SDI Converter
- 1x 5V1A DC Power Supply Adaptor
- 1x User Manual

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SPECIFICATIONS:

| | |
|----------------------------------|---|
| Input Port: | 1 x HDMI |
| Output Port: | 1 x BNC (SDI/HD-SDI/3G-SDI) |
| 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 |

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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.