



HDMI to 3G-SDI Converter

Quick Installation Guide

Introduction

The *HDMI to 3G-SDI Converter* allows you to broadcast HDMI signals from one source to two 3G-SDI outputs.

Key Features and Benefits

- Replicates and distributes content from 1 HDMI source to 2 3G-SDI outputs
- Compliant with HDMI and DVI 1.0 specifications
- Supports link speeds up to 2.25Gb/s
- Supports HD formats:
 - 720p24, 25, 30, 50 & 60
 - 1080i50 & 60
 - 1080p24, 25, 30, 50 & 60
- Supports 525i & 625i SD formats
- Metal housing and wall-mountable

Package Contents

- HDMI to 3G-SDI Converter
- Power adapter
- Quick installation guide

Layout

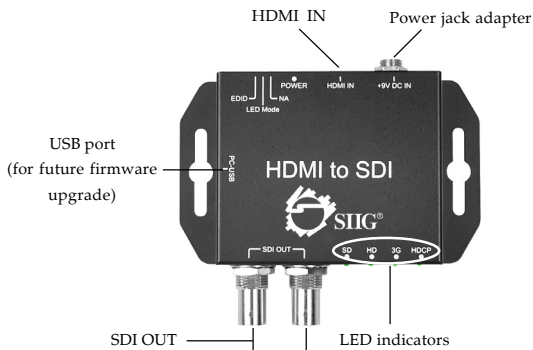


Figure 1: Layout

Hardware Installation

1. Power off all devices you plan to connect to this converter.
2. Connect your HDMI source to the converter's **HDMI IN** connector using a HDMI cable (not included).
3. Connect your displays to the converter's **SDI OUT** connectors using a SDI cable (not included).
4. Connect the converter's power adapter.
5. Turn on the displays, then the HDMI source.
6. The *HDMI to 3G-SDI Converter* is now ready to use.

Dip Switch

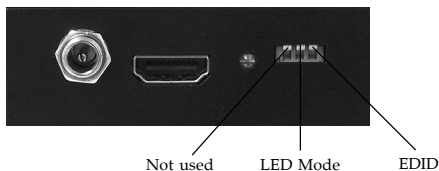


Figure 2: Dip Switch

- EDID:
Pin up: Default EDID
Pin down: Learning EDID

Note: The default EDID setting should work with most displays. If not, please refer to EDID Learning instructions on page 5. This converter does not support 480p and 576p resolutions.

EDID Learning

EDID is used to transmit the make, model and characteristics of a monitor to the display adapter in the computer. It's also used by a HDTV to identify its maximum resolution to the DVD player, A/V receiver or video processor.

1. Disconnect the *HDMI to 3G-SDI Converter* from the the HDMI source and the display and make sure the power adapter is not plugged in.
2. Set the converter's EDID pin down.
3. Connect your display to the converter's **HDMI** connector.
4. Turn on your display if it's not already on.
5. Plug in the converter's power adapter to power up the converter. The HDCP and 3G LEDs will be lit, then the HD LED will flash briefly to indicate the learning process is complete.

- LED Mode:

Pin OFF (↓):

Resolution	SD LED	HD LED	3G LED	HDCP LED
720 x 480 i (NTSC)	○	○	○	●
720 x 576 i (PAL)	○	○	●	○
1280 x 720 p50	○	○	●	●
1280 x 720 p60	○	●	○	○
1920 x 1080 i50	○	●	○	●
1920 x 1080 i60	○	●	●	○
1920 x 1080 p24	○	●	●	●
1920 x 1080 p25	●	○	○	○
1920 x 1080 p30	●	○	○	●
1920 x 1080 p50	●	○	●	○
1920 x 1080 p60	●	○	●	●
2048 x 1080 p24	●	●	○	○
2048 x 1080 p25	●	●	○	●
	●	●	●	○
Un-Support	●	●	●	●

● : LED ON

○ : LED OFF

Pin On (↑)

Resolution	3G LED	HD LED	SD LED
NTSC / PAL	○	○	●
720p / 1080i / 1080 [24p, 30p]	○	●	○
1080 [50p,60p] / 2K	●	○	○

● : LED ON

○ : LED OFF

Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at www.siig.com and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 3-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for three (3) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

Step 1: Submit your RMA request.

Go to www.siig.com, click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to [SIIG RMA](#) or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

Step 2: After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

SIIG, Inc.

6078 Stewart Avenue

Fremont, CA 94538-3152, USA

RMA #: _____

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio.

SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

PRODUCT NAME

HDMI to 3G-SDI Converter

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

SIIG, Inc.

6078 Stewart Avenue

Fremont, CA 94538-3152, USA

Phone: 510-657-8688

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