

OG omni: gates



MINI 3G SDI to HDMI® CONVERTER

SKU: 31001077

User's Manual

Thank you for purchasing Mini 3G SDI to HDMI® Converter. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

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. It is now easier to distribute and extend 3G SDI signal while giving you the ability to display your work on HDMI displays.

FEATURES

1. Supports data transfer rates up to 2.97Gbps
2. Supports the SD-SDI, HD-SDI, and 3G-SDI standards
3. Allows for use of less expensive HDMI displays
4. Conversion from SMPTE 425M level B to Level A 1080p 50/59.94/60 4:2:2 10-bit
5. Supports SD-SDI cables up to 300 meters and HD-SDI cable runs up to 130 meters

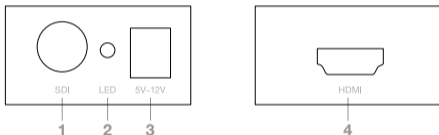
PACKAGE CONTENTS

1x 3G SDI to HDMI Converter

1x 5V DC Power Supply Adapter

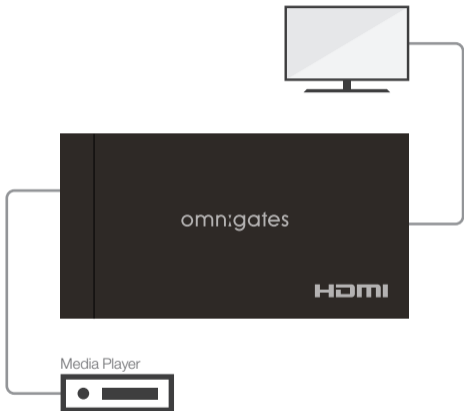
User's Manual

PRODUCT OVERVIEW



1. SDI IN: Connect SDI source with coaxial cable
2. Power Indicator - Illuminates when connected to power supply
3. DC In - Plug in included power adapter
4. HDMI Out - Connect to TV or monitor

CONNECTION DIAGRAM



SPECIFICATIONS

Input Port	: 1 BNC (SDI/HD-SDI/3G-SDI)
Output Port	: 1 HDMI
Maximum Bandwidth	: 2.97Gbps
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
ESD Protection	: ±8kV (Air-gap discharge) / ±4kV (Contact discharge)
Dimensions	: 3.1" x 1.6" x 1.0"
Weight	: 150g
Power Consumption	: 5W
Operating Temperature	: 32°F ~ 104°F (0°C ~ 40°C)
Storage Temperature	: -4°F ~ 140°F (-20°C ~ 60°C)
Relative Humidity	: 20 ~ 90% RH (Non-condensing)

REGULATORY COMPLIANCE

Notice for FCC



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.

Modifying the equipment without Omnigates' authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This Equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radio Notice for FCC

Caution

This FCC Part 15 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Omnigates, including the use of non-approved antennas, could void the user's authority to operate this device.

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.

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