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Mini HDMI® to 3G-SDI Converter

P/N **16061**

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- Specifications described herein are subject to change without prior notification.
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User's Manual

SAFETY WARNINGS AND GUIDELINES

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately unplug it from the power outlet and allow it to fully dry before reapplying power.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- Do not subject the product to extreme force, shock, or fluctuations in temperature or humidity.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near heat sources, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Prior to operation, check the unit and power cord for physical damage. Do not use if physical damage has occurred.
- Before plugging the unit into a power outlet, ensure that the outlet provides the same type and level of power required by the device.
- Unplug this device from the power source when not in use.
- Take care to prevent damage to the power cord. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords. Ensure that the power cord does not present a tripping hazard.
- Never unplug the unit by pulling on the power cord. Always grasp the connector head or adapter body.
- Ensure that power is turned off and disconnected before making any electrical connections.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.

INTRODUCTION

Thank you for purchasing this Mini HDMI® to 3G-SDI Converter! This adapter allows you to view or use HDMI content on SDI equipment. It supports the SD-SDI, HD-SDI, and 3G-SDI standards and can accept resolutions up to 1080p@60Hz. It supports signal re-clocking and equalization for longer SDI cable runs.

FEATURES

- Converts HDMI® video to SDI video
- Supports the SD-SDI, HD-SDI, and 3G-SDI standards
- Supports data transfer rates up to 2.97Gbps
- Supports SD-SDI cables up to 300 meters, HD-SDI runs up to 200 meters, and 3G-SDI runs up to 100 meters
- Supports signal re-clocking and equalization for longer SDI cable runs

CUSTOMER SERVICE

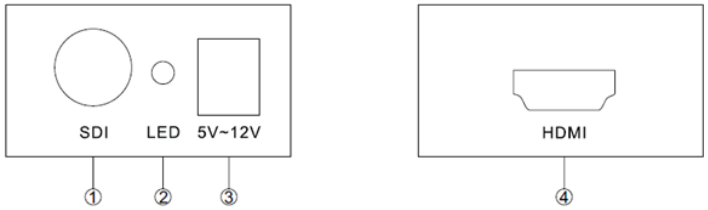
The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website **www.monoprice.com** during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at **support@monoprice.com**

PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

- 1x HDMI® to 3G-SDI converter
- 1x AC power adapter
- 1x User's manual

PRODUCT OVERVIEW



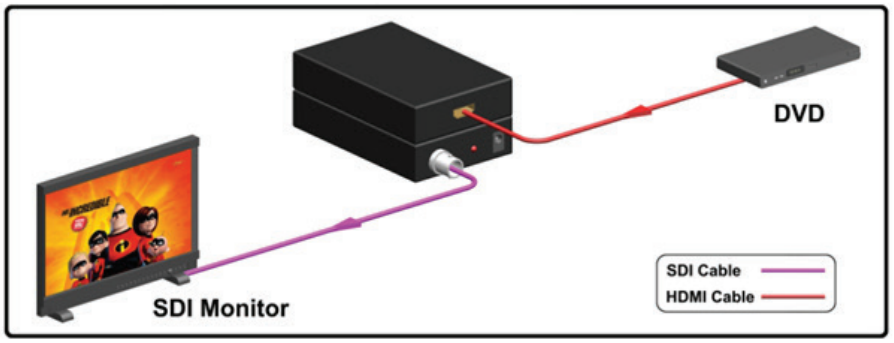
1. **SDI**: Connects the coaxial SDI video output cable.
2. **LED**: Illuminates when power is applied.
3. **5V-12V**: Power connector for the included AC power adapter.
4. **HDMI**: Connects the HDMI® video input cable.

INSTALLATION

Perform the following steps to install and operate this converter.

1. Ensure that all equipment to be connected is powered off and unplugged from its power source.
2. Place or mount the converter in its intended location.
3. Using a coaxial SDI cable (not included), connect one end to the input on your SDI device, then connect the other end to the **SDI** connector on the converter.
4. Using a High Speed HDMI® cable (not included), plug one end into the **HDMI** port on the converter, then plug the other end into the output of your HDMI source device.
5. Plug the DC barrel connector on the included AC power adapter into the **5V-12V** jack on the converter, then plug the AC power adapter into a nearby AC power outlet. The **LED** should illuminate.
6. Plug in and power on all connected equipment. Start playback of video content on the HDMI source device and verify that video is available on your SDI device.

Congratulations, your HDMI to SDI converter is installed and operating correctly!



TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website **www.monoprice.com** during regular business hours, 7 days a week. You can also get assistance through email by sending a message to **tech@monoprice.com**

SPECIFICATIONS

Model	16061
Input Standard	HDMI®
Maximum Input Resolution	1920 x 1080p @ 60Hz
Output Standard	SD-SDI, HD-SDI, 3G-SDI
Output Connector	BNC coaxial
Maximum Bandwidth	2.97Gbps
Power Source	5-12 VDC
Maximum Power Consumption	5 watts
Operating Temperature	+32 ~ +158°F (0 ~ +70°C)
Operating Humidity	10 ~ 85% RH, non-condensing
Storage Temperature	+14 ~ +176°F (-10 ~ +80°C)
Storage Humidity	5 ~ 90% RH, non-condensing
Dimensions	3.1" x 1.6" x 1.0" (80 x 41 x 25 mm)
Weight	5.3 oz. (150g)
Regulatory Approvals	FCC, CE, UL

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 Monoprice's 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.

Notice for Industry Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

HDMI®, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.