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**3G-SDI to HDMI Video Converter**



*User Manual  
SDIH-200*

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## Specification

ITEM	DESCRIPTION
Input Signal	SDI
Output Signal	HDMI
VIDEO Input format	YCbCr (422)
VIDEO Output format	RGB (444)
Input format AUDIO	Embedded AES/EBU / 48Khz
Power	5~24V DC
Power Consumption	7W
Dimension	105 x 95 x 25 (mm)

## Supporting resolution

SMPTE	Video Formats
SMPTE-425M	3G : 1920*1080p(60/59.94/50)
SMPTE-274M	HD : 1920*1080i (60/59.94/50)
SMPTE-274M	HD : 1920*1080p (30/29.97/25/24/23.98)
SMPTE-296M	HD : 1280*720p (60/59.94/50)
SMPTE-125M	SD : 601*525i (486_ NTSC)
SMPTE-125M	SD : 601*625i (576_PAL)

### 1-2 Specification / Supporting Resolution

## Installation

### STEP1

Plug the AC/DC adapter to AC inlet and connect to receptacle on the product.

### STEP2

Connect SDI source to SDI input port of SDIH-200 with BNC coaxial cable.

### STEP3

Connect HDMI display to HDMI output port of SDIH-200 with HDMI cable.

### Note.1

**SDIH-200 has SDI loop through output for SDI display as well as HDMI.**



### 1-3 Installation

## Warranty Information

### 1 (One) Year Warranty

OPTICIS warrants OPTICIS SDIH-200 3G-SDI to HDMI converter to be free from defects in workmanship and materials, under normal use and service, for a period of one (1) year from the date of purchase from OPTICIS or its authorized resellers.

If a product does not work as warranted during the applicable warranty period, OPTICIS shall, at its option and expense, repair the defective product or part, deliver to customer an equivalent product or part to replace the defective item, or refund to customer the purchase price paid for the defective product.

All products that are replaced will become the property of OPTICIS.

Replacement products may be new or reconditioned.

Any replaced or repaired product or part has a ninety (90) day warranty or the remainder of the initial warranty period, whichever is longer.

OPTICIS shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to OPTICIS for repair under warranty or not.

### Warranty Limitation and Exclusion

OPTICIS shall have no further obligation under the foregoing limited warranty if the product has been damaged due to abuse, misuse, neglect, accident, unusual physical or electrical stress, unauthorized modifications, tampering, alterations, or service other than by OPTICIS or its authorized agents, causes other than from ordinary use or failure to properly use the Product in the application for which said Product is intended.

## Troubleshooting

Problem	Remedy Actions
Converter does not Operate	Make sure the 12V power supply is plugged firmly to DC receptacle and AC inlet. Check if the white LED light is on.
No picture (or signal) Or Poor picture	<ol style="list-style-type: none"><li>1. If you are using copper based HDMI cable, overall length should not exceed 20ft. Longer than this will result in no or poor picture quality. To extend beyond 20ft, please use fiber optical HDMI extension cables.</li><li>2. Make sure all HDMI, SDI connectors are tightly secured to all HDMI, SDI ports. Loose plugging on the connectors will result in no or poor picture.</li><li>3. Reboot the converter.</li></ol>
Incorrectly sized picture / resolution or No picture	Reset SDIH-200 by pressing the reset button.

## Opticis Locations

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For technical support, check with the Opticis web site [www.opticis.com](http://www.opticis.com) or contact [techsupp@opticis.com](mailto:techsupp@opticis.com)