

# *SDI to HDMI Converter*

*AC-1727*



*User manual*

## ■ Introduction

The 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. This means that it is now easier to distribute and extend your 3G SDI signal while giving you the ability to display your work on HDMI displays.

#### ■ Features

1. Operation at 2.970Gbit/s, 1.485Gbit/s and 270Mbits/s
2. Supports SMPTE 425M, SMPTE 424M, SMPTE 292M, SMPTE 259M-C
3. Equalized and re-clocked loop output Integrated audio de-embedder for a maximum of 8 channel
4. Conversion from SMPTE 425M level B to Level A 1080p 50/59.94/60 4:2:2 10-bit
5. Connect with other units to extend your signal over long distances

#### ■ Package

1. 3G SDI to HDMI Converter
2. 5V DC Power Supply Adaptor
3. Operation Manual

#### ■ Specifications

Input Port      1 x BNC (SDI/HD-SDI/3G-SDI)

Output Port     1 x HDMI

SDI Transmission Rates    2.970 Gbit/s and 2.970/1.001 Gbit/s

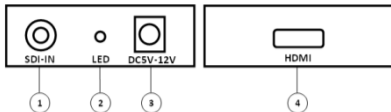
In/Output Resolution      480i, 576i, 720p@50/59.94,60 ,1080i@50/59.94/60  
1080p@23.97/24/25/29.97/30/50/59.94/60

Power Supply                DC 5V -12V

ESD Protection Human body model      ±8kV (air-gap discharge) - ±4kV (contact discharge)

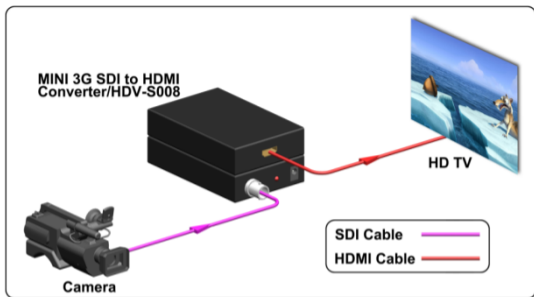
Dimension                    80mm x 41mm x 25 mm

#### ■ Operation controls and Functions



1. **SDI IN:** This socket connects to an SDI source.
2. **POWER LED:** This red LED illuminate when the device is connected with power supply.
3. **HDMI OUT:** This socket connects to an HDMI display.
4. **DC IN:** Plug the 5V-12V DC power supply into the unit.

#### ■ Application Example



### **IMPORTANT:**

- Never attempt to open, repair or modify any part of this unit or its accessories.
- Never get any part of the device or its accessories wet.
- Failure to adhere to these points will result in a void of warranty.