

# SDI to Gen-lock SDI/HDMI Converter **GCON-SDI**

## Professional SDI Gen-lock Converter

The GCON-SDI supports 1080p resolution up to 60 fps, converting SDI/3G-SDI sources to Genlock SDI/3G-SDI and HDMI with zero latency. While keeping the integrity of the original source feed intact, the featured Genlock Tri-Level Sync makes synchronization with other system components possible for seamless vertical interval switching between sources. The GCON-SDI also supports ancillary data in both SMPTE 352 payload ID and audio and relays it through its SDI output. Its rugged and portable design makes GCON-SDI a perfect camera sidekick to where it's needed most.



**KEY FEATURES:**



**APPLICATIONS:**



LIVE PRODUCTION

WORSHIP

VIDEO CONFERENCE

MEDICAL

THEATER

## MAIN FEATURES

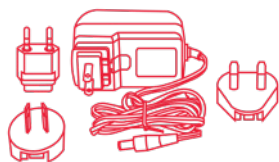
- 3G-SDI up to 1080p60 full HD Resolution Input.
- Simultaneous HDMI and SDI Loop Output.
- Highly compatible with Tri Level reference input SMPTE 292M & 424M Compliant and multi-video format including 59.94Hz.
- SMPTE 352M Ancillary Data supported.
- Embedded audio pass through via SDI & HDMI.
- Adjustable V-sync & H-sync phases.
- Divisional picture comparison.
- Built in Pattern Generator.
- Built in LCD menu screen.
- Built in menu control button.
- Versatile, compact, and rugged design.

## SPECIFICATIONS

|                           |  |                        |  |
|---------------------------|--|------------------------|--|
| <b>VIDEO</b>              |  | <b>AUDIO</b>           |  |
| <b>Video Input</b>        | 3G-SDI / HD-SDI  | <b>Audio Input</b>     | 16 Channels Embedded SDI Audio                 |
| <b>Resolution Rate</b>    | 1080 60p/59.94p/50p/30p/29.97p/ 25p<br>1080 60i/59.94i/50i<br>720 60p/59.94p/50p/30p/25p | <b>STANDARD SMPTE</b>  | SMPTE 292M, SMPTE 424M                         |
| <b>Color Space Output</b> | 4:2:2 (YCbCr) 10bit<br>Gen-locked HD-SDI/3G-SDI<br>Gen-locked HDMI 1.3a                  | <b>SYNCHRONIZATION</b> |  |
| <b>FUNCTION</b>           |  | <b>Gen-lock</b>        | External Tri-Level Input                       |
| <b>Gen-lock Control</b>   | ON/OFF<br>H Sync & V Sync Adjustment   | <b>PHYSICAL</b>        |  |
| <b>Audio Control</b>      | Audio Bits (16, 20, 24 Bits)   | <b>Control</b>         | OSD Button & Text LCD                          |
| <b>Payload ID</b>         | ON/OFF   | <b>Operation Temp</b>  | 32°F - 104°F                                   |
| <b>Payload Generate</b>   | Thirteen Patterns  | <b>Dimension</b>       | 130mm x 75mm x 24mm /<br>5.11" x 2.95" x 0.94" |
|                           |  | <b>Weight</b>          | 173g / 0.38lbs                                 |
|                           |  | <b>Power</b>           | 6W at 12VDC (+9 - +15VDC)                      |

*\*Specification are subject to change without notice.*

## PACKAGE CONTENTS



### DC 12v Power Supply & Sockets Adapter