

# HDMI to Gen-Lock SDI/HDMI Converter

# GCON-HDMI

## Professional HDMI Gen-lock Converter

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



### KEY FEATURES:



### APPLICATIONS:



LIVE PRODUCTION



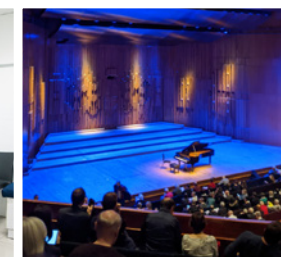
WORSHIP



VIDEO CONFERENCE



MEDICAL



THEATER

## MAIN FEATURES

- HDMI up to 1080p60 full HD Resolution Input.
- Simultaneous SDI and HDMI 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

### VIDEO

<b>Video Input</b>	HDMI 1.3
<b>Resolution Rate</b>	1080 60p/59.94p/50p/30p/29.97p/ 25p 1080 60i/59.94i/50i 720 60p/59.94p/50p/30p/25p

<b>Color Space</b>	4:2:2 (YCbCr) 10bit
<b>Output</b>	Gen-locked HD-SDI/3G-SDI Gen-locked HDMI 1.3a

### FUNCTION

<b>Gen-lock Control</b>	ON/OFF H Sync & V Sync Adjustment
<b>Audio Control</b>	Audio Bits (16, 20, 24 Bits)
<b>Payload ID</b>	ON/OFF
<b>Payload Generate</b>	Thirteen Patterns

### AUDIO

<b>Audio Input</b>	8 Channels Embedded SDI Audio
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### STANDARD

<b>SMPTE</b>	SMPTE 292M, SMPTE 424M
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### SYNCHRONIZATION

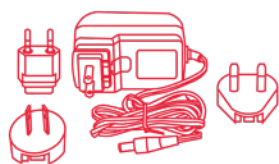
<b>Gen-lock</b>	External Tri-Level Input
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### PHYSICAL

<b>Control</b>	OSD Button & Text LCD
<b>Operation Temp</b>	32°F - 104°F
<b>Dimension</b>	130mm x 75mm x 24mm / 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