

GCON-HDMI

Source Genlock Converter

Is video synchronization invaluable to your video production?

But having to use non-genlock gear such as camcorders, action cams and other video source is impossible.

Make the impossible possible with the GCON converters, available in variance of SDI (GCON-SDI) and HDMI (GCON-HDMI) enables engineering to convert video sources to Genlock sources. Other features includes adjustable V and H sync phases for more accurate pulse timing and built-in pattern generator makes the GCON converters ideal for professional VR filmmaking, 360 video productions, broadcast and video test laboratories.



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

Video Input	HDMI 1.3
Resolution Rate	1080 60p/59.94p/50p/30p/29.97p/ 25p 1080 60i/59.94i/50i 720 60p/59.94p/50p/30p/25p
Color Space Output	4:2:2 (YCbCr) 10bit Gen-locked HD-SDI/3G-SDI Gen-locked HDMI 1.3a

FUNCTION

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

AUDIO

Audio Input	8 Channels Embedded SDI Audio
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STANDARD

SMPTE	SMPTE 292M, SMPTE 424M
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SYNCHRONIZATION

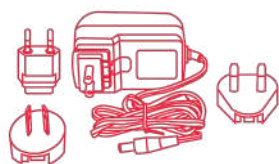
Gen-lock	External Tri-Level Input
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PHYSICAL

Control	OSD Button & Text LCD
Operation Temp	32°F - 104°F
Dimension	130mm x 75mm x 24mm / 5.11" x 2.95" x 0.94"
Weight	173g / 0.38lbs
Power	6W at 12VDC (+9 - +15VDC)

*Specification are subject to change without notice.

PACKAGE CONTENTS



DC 12v Power Supply & Sockets Adapter