

CLUX-SDI2HC 3G SDI to HDMI V1.3 Converter



Introduction:

The SDI to HDMI converter allows SDI, HD-SDI and 3G-SDI signals to be displayed on HDMI and SDI formatted displays. With a bit rate of 2.970 Gbit/s and the capability of 3G the CLUX-SDI2HC extends your SDI Source signal through SDI cable up to 100 meters to your HDTV or HD monitor, so users can fully enjoy their SDI and HDMI displays.

Features:

1. Operation at 2.970Gb/s, 2.970/1.001Gb/s, 1.485Gb/s, 1.485/1.001Gb/s and 270Mb/s
2. Supports SMPTE 425M (Level A and Level B), SMPTE 424M, SMPTE 292M, SMPTE 259M
3. Equalized and re-clocked loop output
4. Integrated audio de-embedder for max 8 channels of 48kHz audio
5. Auto video mode detection (3G/SD/HD)
6. Conversion from SMPTE 425M level B to Level A for 1080p 50/59.94/60 4:2:2 10-bit

Specifications:

-SMPTE Standard	425M Level A & B, 424M, 292M, 259M-C
-SDI Transmission Rates	2.970 Gbit/s and 2.970/1.001 Gbit/s
-Frequency Bandwidth	225MHz/link (HDMI 1.3)
-Input Port	1 x BNC (SDI/HD-SDI/3G-SDI)
-Output Port	1 x BNC (SDI/HD-SDI/3G-SDI), 1 x HDMI, 2 x RCA Jack
-Video Supports	480i, 576i, HD-SDI-720p, 1080i, 3G-SDI-1080p
-Power Supply	5V DC/ 2.6A (US/EU standards, CE/FCC/UL certified)
-ESD Protection	Human body model: $\pm 8kV$ (air-gap discharge) $\pm 4kV$ (contact discharge)
-SDI Cable Distance	3G up to 100M HD up to 200M SD up to 300M
-Dimension (mm)	137 (W) x 90 (D) x 25 (H)
-Weight (g)	225
-Chassis Material	Aluminum
-Silkscreen Color	Grey
-Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
-Storage Temperature	-20°C~60°C / -4°F ~ 104°F
-Relative Humidity	20 ~ 90% RH (Non-condensing)
-Power Consumption (W)	4W



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