

HDMI to SDI Converter

Model Code: LKV389

LKV389HDMI to SDI converter converts HDMI audio/video embedded signal to a broadcast quality SDI signal and analogue audio. SD-SDI, HD-SDI, 3G-SDI are supported. It can be used to display and edit in SDI devices.

Features

- Full HD 1080p
- Intelligent HDMI to SDI converter, plug and play with no drivers required
- Dual SDI Outputs
- EDID detection technology



Specifications

Dimension	130 x 68 x 23mm
Weight	0.175kg
Input	HDMI A Type
HDCP	HDCP 1.2
Video Standard	EIA / CEA-816D
HDMI Resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
Max Data Range	10.2Gbps
TMDS Signal	5V p-p (TTL)
DDC Signal	800mv ±10%
Cable Length	≤5M (AWG26 HDMI1.3)
Video Format	24 bits / Deep Colour 30bits / Deep Colour 36bits
Audio Format	DTS-HD / Dolby-True-HD / LPCM7.1 / DTS / Dolby-AC3 / DSD
SDI Format	SD-SDI, HD-SDI, 3G-SDI, Compliant with SMP TE-259/274/296/372/424/425/292
SDI Resolution	SD-SDI: 480i 60Hz, 576i 50Hz, HD-SDI: 720P@50/60Hz, 1080I@50/60Hz, 1080P@2425@30HZ, 3G-SDI: 1080P@50/60HZ
SDI Connector	Standard BNC Connector
Impedance	75 Ω
Audio	SDI Embedded Audio up to 8 channels
DC Level Shifting	0V ± 500mv
Signal Loss	800mv ± 10%
Return Loss	SD-SDI ≤ 13db, HD-SDI ≤ 10db
Rise and Fall Time	SD-SDI 400ps ~ 1500ps, HD-SDI: ≤ 270ps
Overshoot	≤ 10%
Jitter	≤0.2 UI p-p
Video / Audio Format	Luminance/Chrominance (Y/C) Mixture, L/R stereo audio
Working Temperature	0 ~ 55°C
Relative Humidity (Non-Condensing)	0 ~ 95%
Warranty	2 Years