

# HDMI to HD-SDI CONVERTER

ITEM NO.: SDI02



SDI02 converts signal from HDMI to 3G-SDI, HD-SDI and SD-SDI which provides the highest quality images for professional audio-visual end users. Designed as a high performance video processor for post-production and broadcast applications, the HDMI to SDI Converter provides exceptional and enhanced image processing and quality.

## Features:

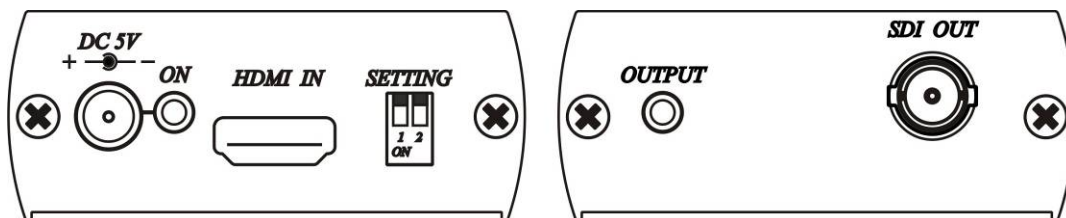
- To send HDMI signal converter to 3G/HD/SDI signal
- Support video signal 480i, 576i, 720p, 1080i, 1080p.
- Support SDI (SMTP 259M), HD-SDI (SMTP 292M), 3G-SDI (SMTP 424M).
- **Support audio LPCM 7.1 Channel.**

## Installation:



## Panel View:

SDI02



## Recommend Cable:

To send HD video must use coaxial cable with Bandwidth at least 1.5G , to send Full HD video must use coaxial cable with bandwidth at least 3G.

Link cable recommend to use high quality 75Ω Coaxial Cable & BNC connector , to use low quality coaxial cable may case signal loss and effect transmission distance and reliability.

## Working Distance:

Max. distance via high quality 75Ω Coaxial Cable ( Belden 1505A Testing)	
SD (480i,576i resolution) (270Mbps)	300M
HD (720p, 1080i, 1080p@24/25/30Hz resolution) (1.45Gbps)	200M
Full HD (1080p@50/60Hz) resolution (2.97Gbps)	100M

## LED Indication:

GREEN		Power & Signal
	ON	Power on
	FLASH	Not support HDMI input format
BLUE		SDI signal
	ON	SDI signal output

## Switch Instruction:

1	↑	Video Support	480i, 576i, 720p@50/59.94/60Hz, 1080i@50/59.94/60Hz.
	↓	Video Support	480i, 576i, 720p@50/59.94/60Hz, 1080i@50/59.94/60Hz, 1080p@23.98/24/29.97/30/50/59.94/60Hz.
2	↑	Audio Support	LPCM 2 Channels.
	↓	Audio Support	LPCM 8 Channels.

## Trouble Shooting:

1. SDI signal not support HDMI 480p & 576p resolution.
2. SDI output resolution and frequency is same as HDMI input, if your SDI monitor not support HDMI input resolution and frequency, then it won't have picture at the monitor.

## Specification:

ITEM NO.	SDI02
SDI Standard / Protocol	SDI (SMTP 259M), HD-SDI (SMTP 292M), 3G-SDI (SMTP 424M)
Resolution	NTSC (480i), PAL (576i), 720p@50/59.94/60Hz, 1080i@50/59.94/60Hz, 1080p@23.98/24/29.97/30/50/59.94/60Hz
Audio	LPCM 8 Channels, 48Khz, 16 / 20 / 24Bit
HDMI Output Connector	HDMI Type A
SDI Output Connector	BNC 75Ω
Power Consumption	850mA (Max)
Power Supply	Switching DC5V 1AMP
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimensions	67 x 110 x 27 (mm)
Weight	200 g

RoHS   

Rev. B