



SDI Converter

# User Manual

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Model :SDI02

HDMI to HD-SDI Converter



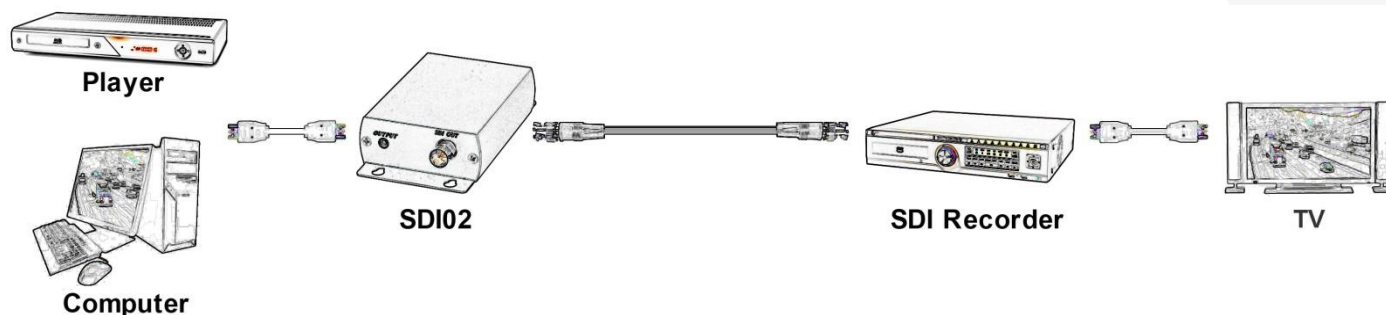
## Introduction

SDI02 is an HDMI to SDI converter that turns consumer HDMI into SDI signal for broadcast use..

## Features

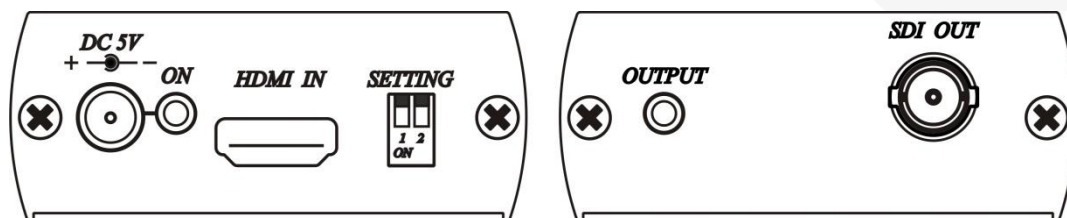
- Converts HDMI to SDI signal.
- Resolution up to 3G-SDI, 1080p@60Hz for HDMI..

## Installation view



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

## Switch Instruction

- 1 ↑ Video Support: 480i, 576i, 720p@50/59.94/60Hz,  
Max resolution 1080i@50/59.94/60Hz.  
  
↓ Video Support: 480i, 576i, 720p@50/59.94/60Hz, 1080i@50/59.94/60Hz,  
Max resolution 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
Support	
Compliance	SMPTE 259M, SMPTE 292M, SMPTE 424M
Max. Video Resolution	3G-SDI, 1080p@60Hz
Max. Transmission Distance	100M at 3G-SDI
Audio Format	LPCM 8 Channels@48Khz 24Bit
Ports & Interfaces	
Video Input	1 x HDMI Type A
Video Output	1 x BNC
Power	
Power Supply	DC 5V 1A
Power Consumption	850mA (Max)
Ambient Temperature	
Operation	0 to 55°C
Storage	-20 to 85°C
Humidity	Up to 95%
Physical Characteristics	
Dimensions	67 x 110 x 27mm
Weight	200g