

ITEM NO.: EL-CO-S001



The device EL-CO-S001 converts a signal from 3G/HD/SD-SDI to HDMI enabling the users to use cost effective HDMI display to SDI based equipment. It supports up to eight embedded audio channels. The application can include the HD CCTV HD-SDI camera and broadcast video monitoring.

Features:

- Support SDI (SMPTE 259M), HD-SDI (SMPTE 292M), 3G-SDI (SMPTE 424M).
- Support video signal NTSC, PAL, 720p, 1080i, 1080p.
- Support HDMI 7.1 Channel audio.
- Built in SDI input equalizer to increase the working distance and signal reliability.
- SDI Loop Out with Retiming function to have the best output quality.

Installation:



Recommend Cable:

High quality 75Ω Coaxial Cable is recommended. Low quality coaxial cable may cause signal loss and affect transmission distance and reliability.

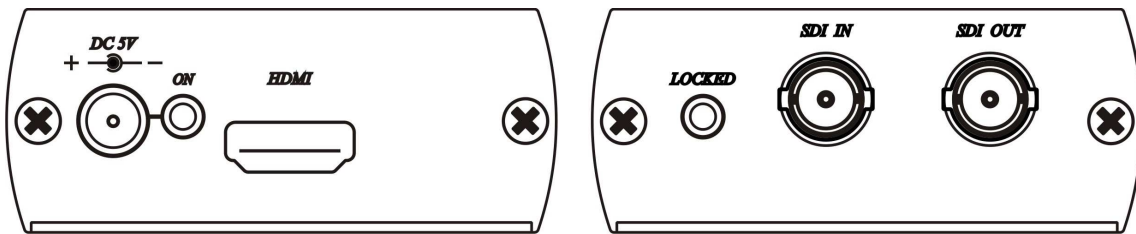
Working Distance:

Max. distance via high quality 75Ω Coaxial Cable (Belden 1694A RG6U Testing)	
SD resolution (270Mbps)	300 m
HD resolution (1.45Gbps)	100 m
Full HD resolution (2.97Gbps)	50 m

LED Indication:

- GREEN Power
- BLUE SDI signal lock

Panel View:



Trouble Shooting:

HDMI output resolution and frequency is same as SDI input. If your TV monitor not support SDI input resolution and frequency, then it won't have picture at the monitor.
 For example: Under HD-SDI camera application, if your TV monitor not support 1080p@25Hz or 1080p@30Hz, then the monitor won't display.
 Please adjust your HD-SDI camera output resolution to 1080i or 720p.

Specification:

ITEM NO.	EL-CO-S001
SDI Standard / Protocol	SDI (SMPTE 259M), HD-SDI (SMPTE 292M), 3G-SDI (SMPTE 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
SDI Input Connector	BNC 75Ω
SDI Output Connector	BNC 75Ω
HDMI Output Connector	HDMI Type A
Power Consumption	750mA (Max)
Power Supply	Switching DC5V 1AMP
Temperature	Operation: 0 to 55°, Storage: -20 to 85°, Humidity: up to 95%
Dimensions	67 x 110 x 27 (mm)
Weight	200 g

