

# SC-HDT0801S

HDMI to HD-SDI Converter

SC-HDT0801S is a converter that converts HDMI signals to standard HD-SDI signals. It can output the SDI signals in various resolutions by adjusting the rotary switch. Thanks to the HDMI loop-out port, the same HDMI resolution can be output without any signal loss. It can transmit the HD-SDI signals for long distances up to 200m(RG-6) when it is paired with its sister product(SC-HDR01S).

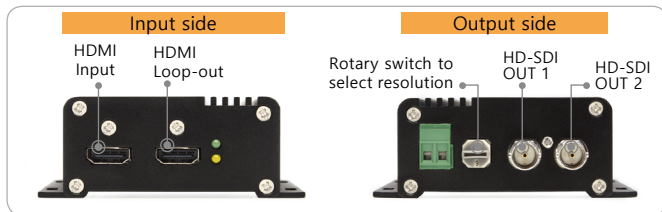
## Features

- Converting HDMI to HD-SDI signal
- 1 in / 3 out (HDMI x 1 output / HD-SDI x 2 outputs)
- HDMI loop-out feature
- HD-SDI output resolution adjustment by rotary switch  
ex) Input: 720p 60 > Output: 1080p 30
- Maximum Transmission distance:
  - 200m (Full HD: 1.5G), 100m (Full HD: 3G) over RG-6
  - 150m (Full HD: 1.5G), 85m (Full HD: 3G) over RG-59
- Surge protection

[ SC-HDT0801S ]



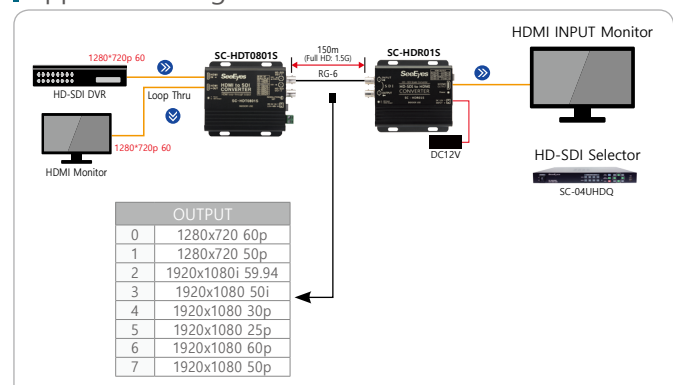
## SC-HDT0801S Interface



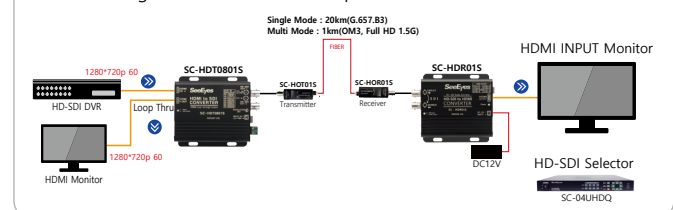
## Specifications

MODEL		SC-HDT0801S			
Input signal		HDMI			
Output signal		HDMI Loop-out HD-SDI x 2 (Full HD : 1.5G, Full HD : 3G)			
Power	Input	DC 12V ~ 48V			
	Operation status	Red LED on: Successful power input			
HD-SDI output setting (Rotary DIP Switch)	SW No.	OUTPUT	SW No.	OUTPUT	
	0	1280x720p 60	4	1920x1080p 30	
	1	1280x720p 50	5	1920x1080p 25	
	2	1920x1080i 59.94	6	1920x1080p 60	
	3	1920x1080i 50	7	1920x1080p 50	
Max. transmission distance (RG-6)		200m (Full HD : 1.5G) / 100m (Full HD : 3G)			
Connection Port	HD-SDI output	BNC-F x 2			
	HDMI input/output	HDMI A Type			
	Power input	2PIN Terminal Block			
LED	Green	On: Successful SDI output			
	Yellow	On: Successful Power input			
Temperature / Humidity		-10°C ~ +50°C / 0 ~ 80%			
Case / Weight		Aluminum / 220g			
Dimensions(mm)		93(W) x 93 (H) x 35(D)			

## Application diagram



## HD-SDI Long Transmission via Fiber Optic converters



## Dimensions

