

# SC-HDT01E

HDMI to HD/EX-SDI Converter

SC-HDT01E is a converter unit that converts HDMI signal to HD-SDI and EX-SDI signals. It can output various HD-SDI resolutions and EX-SDI 1.0/2.0, and supports HDMI Through Out function. HD-SDI signal and EX-SDI signal can be output simultaneously and it can be applied to various field Application Diagrams. Especially, when connects to SC-HDR01E, HDMI image could be transmitted for long distance and RS-485 control data could be also transmitted simultaneously by coaxial cable.



## Features

- Converting to HD-SDI, EX-SDI signal for the input HDMI signal
  - Available HD-SDI, EX-SDI output simultaneously
- Support various HDMI input resolution(~1080p60Hz)
  - HD-SDI, EX-SDI ( ~1080p60Hz)
- HDMI Through Out
- 1 IN / 3 OUT distribution  
(HDMI x 1, HD-SDI x 1, EX-SDI x 1)
- HD-SDI output resolution & EX-SDI 1.0/2.0 selection switch
- Available to transmit Max. 200m for HD-SDI(1.5G) & 600m for EX-SDI 2.0 by RG-6 cable
- Provides RS-485(Half Duplex) input port : If connect it to SC-HDR01E in EX-SDI signal, RS-485 control data could be transmitted simultaneously by Coax. cable – UTC function

**NEW**

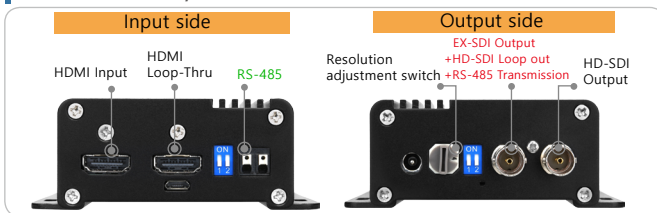
[ SC-HDT01E ]



## Recommended Configurations



## SC-HDT01E In/Out Port



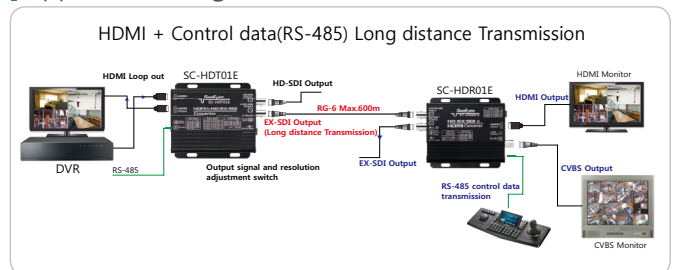
## Specifications

MODEL	SC-HDT01E (HDMI to HD-SDI/EX-SDI Converter)			
Input Signal	HDMI 1.3, DVI Compliant			
HDMI Output Signal	HDMI Through Out			
HD-SDI Output Signal	Full HD: 1.5G, Full HD: 3G			
HD/EX-SDI Output Signal	EX-SDI 1.0, EX-SDI 2.0 Full HD: 1.5G, Full HD: 3G			
Max. Transmission Distance (RG-6)	200m (Full HD: 1.5G) / 100m (Full HD: 3G) 400m (EX-SDI 1.0 or EX-SDI 2.0 3G) 600m (EX-SDI 2.0)			
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 60	6	1920x1080p 60
	3	1920x1080i 50	7	1920x1080p 50
Connection PORT	HD/EX-SDI Output	BNC-F x 1 (each)		
	HDMI In/Output	HDMI A Type x 1 (each)		
	Power Input	DC Jack		
LED	Green	ON : HDMI Input		
	Red	ON : Power Input		
Input Power	Over than DC 12V, 0.5A			
Temperature / Humidity	-10°C ~ +50°C / 0 ~ 80%			
Case / Weight	Aluminum / 202g			
Dimensions(mm)	93(W) X 92.5(H) X 35(D)			

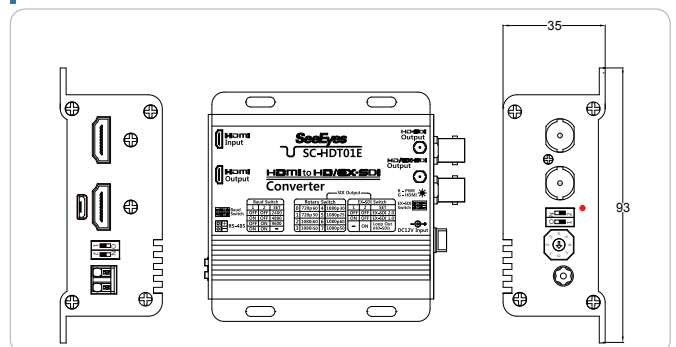
## EX-SDI Supporting Resolution

EX-SDI 1.0	EX-SDI 2.0
1280x720p, 50/60	1280x720p, 50/60
1920x1080i, 50/60	1920x1080i, 50/60
1920x1080p, 25/30	1920x1080p, 25/30
	1920x1080p, 50/60

## Application Diagram



## Dimensions



HD-SDI TRANSMISSION