

# SV-HDC0801

SV-HDC0801 is a HDMI video signals transmission solutions over coaxial cable which can transmit and Convert HDMI signals to HD-SDI signals and supply power to the camera over 200m(HD:1.485G) via single coaxial cable. It is composed of 1 unit of SV-HDT0801 as transmitter and 1 unit of SV-HDR0801 as receiver. It is a cost effective solution since it is possible to transmit HDMI signals over coaxial cable, economical than other cabling solutions such as Fiber-Optic, HDMI solutions.

## Product Summary

- HDMI to HD-SDI(SV-HDT0801) and HD-SDI to HDMI (SV-HDR0801) Converter
- "HD-SDI&Power" transmission over 1 single coaxial cable
- Supply power to Megapixel cameras(8W/DC type) over the single coaxial cable
- Long distance transmission over 200m (HD:1.485G)/130m (Full HD:2.97G)
- No need of power wiring & save infrastructure cost under 30~50%
- For cameras with HD-SDI Video output, possible to use the SV-HDR0801 only
- Transmission distance extension function (When Receiver can be used as Repeater, it is possible to extend the transmission distance 200m additionally)
- Use coaxial cable, more economical than other transmission solutions such as Fiber-optic, HDMI cabling solutions
- Auto diagnosis of cable status for safe power supply
- Surge Protection function built-in transmitter

## [SV-HDT0801]



## [SV-HDR0801]



## [ DC48V Adaptor ]

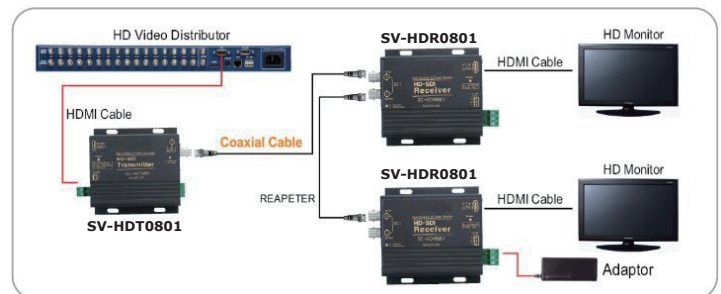


## Major Specifications

MODEL		SV-HDT0801
Video In		HDMI Digital Signal
Video Out		HD-SDI (HD:1.485G, Full-HD:3G)
Power	Output	Looped through output(51Ω 1Vp-p~2.5Vp-p)
	LED	Red on: Normal, Red Flickering:Abnormal
Max. Distance		130m(Full HD)/200m(HD) with RG-6
connect Port	HDMI	HDMI 1.3 Connector
	SDI Out	BNC-F
LED	SDI TX	Green LED Flickering:Normal
	HDMI Link	yellow LED On: HDMI connected
	Power	RED LED On: Normal
Temperature / Humidity		-10°C~+50°C / 0~80%
Case body / Weight		Aluminum / 202g
Dimension (mm)		93(W)x92.5(H)x34.7(D)

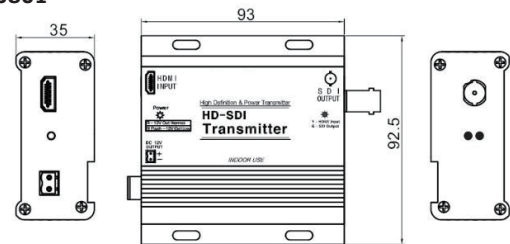
MODEL		SV-HDR0801
Video In		HD-SDI (HD:1.485G, Full-HD:3G)
Video Out		HDMI Digital Signal
HD-SDI		Buffered Output(when using as repeater)
Power In		AC/DC Adapter +48V 1.0A
Connect Port	HD-SDI Input	BNC-F, 75Ω
	HD-SDI Output	BNC-F, 75Ω
	HDMI Output	HDMI Connector
	Power Input	3pin Terminal Block
LED	SDI	Green On : Normal
	HDMI	Yellow On : Normal
	Power	Red on : Normal, Red Flickering : Abnormal
DIP Switch (Power Control)	SW1	Nonfunctional
	SW2	On: Supply DC48V through Coax, Off: Cut off the power
Power Consumption		4.6W (Full HD Transmission)
Temperature / Humidity		-10°C~+40°C / 0~80%
Case body / Weight		Aluminum / 210g
Dimension (mm)		93(W)x92.5(H)x34.7(D)
Adapter		AC 110~240V

## Connection Diagram



## Dimensions

### SV-HDT0801



### SV-HDR0801

