



# HD-800A

## Formate Converter

HD-SDI	CVBS	YC	R.G.B
YPbPr	AES/EBU	L/R BALANCE	

INTERFACE		
INPUT	BNC X 1 ( HD/SD- SDI )	
OUTPUT	BNC X 1 ( Active Loop-Through) BNC X 3 ( Composite or YPbPr & R/G/B or Y/C) D-SUB(15 pin) X 1 (AESx4 + audio L/R x1)	
FORMATS		
HD	1080P (24 / 25 / 30) 1080PsF (24) 1080i (50/ 59.94 / 60) 1035i (50/ 59.94 / 60) 720P (50 / 59.94 / 60)	
	SD	576i (50) 480i (59.94)
	OTHER	
	Power Adapter	DC-12 V , 3 Watt
Temperature	Operation : 0°C ~ +50°C Storage : -20°C ~ +60°C	
Dimension	167.6 X 85.4 X 35 mm	
Gross Weight	0.6kg	
Option Accessory	Audio Cable	
Regular Approvals	FCC,CE,RoHS	

## HD/SD-SDI to Analog Converter

- The **HD-800A** is a compact HD/SD dual rate distribution converter , it's fully automatic and supports SMPTE 292M and 259M signals and cross convert HD signal from 1080P to 720P and SD signal 480i/576i.
  - There is the ideal solution for viewing HD or SD signal on virtually any monitor or scope , supporting various formats of mode selection.
- Features:**
- High quality cross conversation and wide range frame rate
  - Converts component serial digital signal to analog composite
  - Active loop through for SDI signal with re-clocking
  - Four user selectable analogue outputs : Composite , component (YPbPr & R/G/B) , and Y/C outputs
  - HD / SD SDI auto detection
  - Operation at SD/ 270 Mbit, HD/ 1.485 Gbit
  - Integrated Audio Embedded for up to 8 channels of 48kHz audio

SW1	SW2	SW3	SW4	Reserved
	ON	OFF	OFF	Color Bar ON
	OFF	OFF	OFF	Color Bar OFF
	OFF	OFF	OFF	Composite / Y / C
	OFF	OFF	ON	Y/Pb/Pr
	ON	OFF	OFF	Composite / Y / C
	ON	ON	ON	R.G.B sync on green

SW1	SW2	SW3	SW4	Reserved
	ON	OFF	OFF	Pattern ON
	OFF	OFF	OFF	Pattern OFF
	OFF	OFF	OFF	Y/Pb/Pr
	OFF	OFF	ON	Y/Pb/Pr
	ON	OFF	OFF	Y/Pb/Pr
	ON	OFF	OFF	Y/Pb/Pr
	ON	ON	ON	R.G.B sync on green

PIN1	AES 1 IN	PIN9	GND
PIN2	AES 2 IN	PIN10	GND
PIN3	AES 3 IN	PIN11	NC
PIN4	AES 4 IN	PIN12	NC
PIN5	Audio L IN	PIN13	NC
PIN6	GND	PIN14	NC
PIN7	GND	PIN15	Audio R IN
PIN8	GND		

## DIMENSION (unit:mm)

