

# VC840

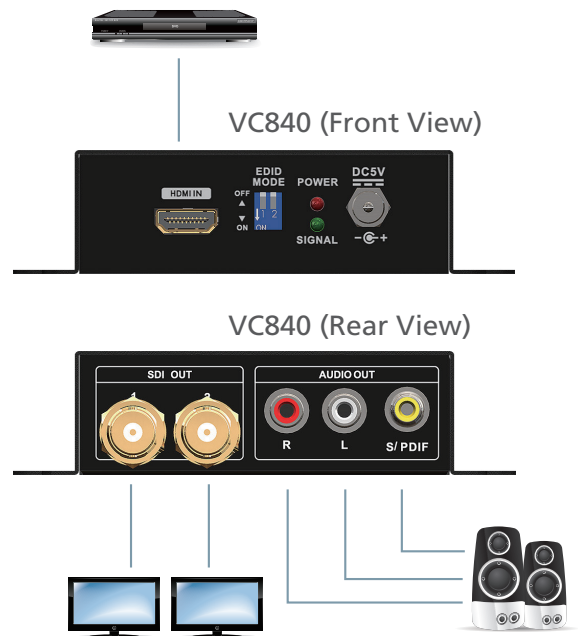
## HDMI to 3G/HD/SD-SDI Converter

- The VC840 HDMI to 3G/HD/SD SDI Converter provides a professional way to exchange high definition signals in real time. The SDI and HDMI signal conversion is 100% digital and guarantees no loss of quality for both the audio and video transmission. The VC840 provides 2 low jitter SDI outputs for dual display. The VC840 is the most dependable way to convert signals with confidence when monitoring in any post or broadcast application.



### Features

- Converts an HDMI input signal to 3G/HD/SD-SDI formats in real time while avoiding transformation loss for both audio and video signals
- Supports additional analog stereo audio and coaxial digital audio
- HDMI (Deep Color)
- LED indication of power and signal status
- Supports an SDI distance of up to 90M (3G-SDI), 150M (HD-SDI) or 300M (SD-SDI) of RG6
- Supported SDI formats:
  - SD-SDI (SMPTE 259M, up to 270Mbps)
  - HD-SDI (SMPTE 292M, 296M, up to 1.485Gbps)
  - 3G-SDI (SMPTE 424M, 425M level A, up to 2.97Gbps)
- Video Support:
  - 525i@59.96, 625i@50
  - 720p@50/59.94/60
  - 1080i@50/59.94/60
  - 1080p@23.97/24/25/29.97/30/50/59.94/60
  - 2048 x 1080
- Supports 8 audio channels @ 48kHz rate
- Offers 2 low-jitter SDI outputs for dual display
- Features automatic detection of 3G/HD/SD-SDI signals
- Reclocking SDI signals for cascading and thus longer transmission
- Locking power connector for secure communications
- Selectable EDID settings and EDID learning mode



### Specification

Function		VC840	
Connectors	Input	HDMI In 1 x HDMI Type A Female (Black)	
	Output	SDI Out 2 x BNC (Gold)	
		Audio	Analog 2 x RCA (Red/White)
			Digital 1 x RCA (Yellow)
Power	1 x DC Jack		
Switches	EDID Mode	2 x Dip Switch	
LEDs	Power	1 (Red)	
	Signal	1 (Green)	
Power Consumption		DC5V, 3.5W	
Environment	Operating Temp.	0~40°C	
	Storage Temp.	-20~60°C	
	Humidity	20~90% RH, Non-condensing	
Physical Properties	Housing	Metal	
	Weight	0.29 kg	
	Dimensions(L x W x H)	12.22 x 10.70 x 3.04 cm	

