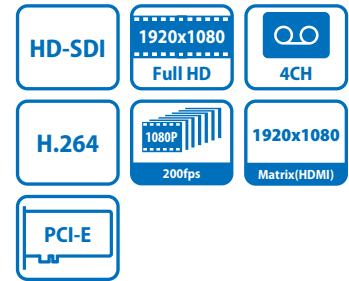
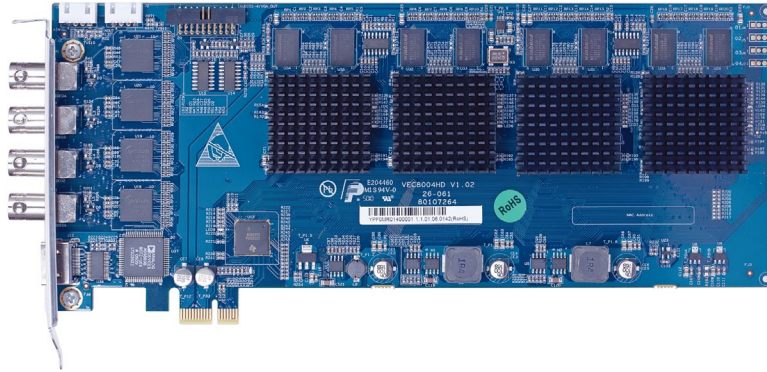


DH-VEC8004HD

4 Channel HD-SDI Full-HD 1080P H.264 Compression Card



Features

- Audio and video hardware compression card, using advanced standard H.264 video compression algorithm to achieve excellent image quality and high compression ratio
- 4 channel 080P(25,30,50,60)/1080I(50,60)/720P(25,30,50,60) HD-SDI video inputs
- Support up to 1080P realtime live view
- 4 channel full-HD video realtime compression, max 200fps at 1080P, support dual-stream
- 4 channel G.711 audio compression
- Support motion detection, video loss and camera masking function; support OSD, logo overlay, video frame rate, frame rate dynamic setup and etc
- Support RAW video and JPG snapshot function
- Support 1 channel 1920*1080 HDMI output or 1 channel 1280*1024 VGA output with 1/4-window display.
- PCI-E x1 port, compatible with all Dahua's compression cards
- SDK in Windows OS or Linux OS compatible with the previous released version, fluent data interfaces and suitable for the 2nd development

Specifications

Model		DH-VEC8004HD
General	Encoder	SoC
	PCI Standard	PCI-Express 1.0x
	Sub Card	4 channel audio input(BNC), 1 channel matrix output(VGA)
Video	Input	4 channel, HD-SDI HD video, BNC
	Standard	1080P(25,30,50,60)/1080I(50,60)/720P(25,30,50,60)
	Preview Resolution	Max 1080P(1920×1080), Realtime
	Compression	H.264
	Encoding Resolution	1080P(1920×1080), 720P(1280×720), 1080P/4(960×540), 720P/4(640×360), 1080P/16(480×270), 720P/16(320×180)
	Encoding Speed	Main Stream: 25/30fps at all resolution, Max 200fps at 1080P Extra Stream: 1080P/4, 720P/4, 1080P/16, 720P/16 with 25/30 fps
	Bit Rate	256Kbps~10Mbps
	RAW Stream	Support, Full-channels at 1080P / 720P / 1080P/4 / 720P/4
	Output	1 channel HDMI(1920×1080)/1 channel VGA(1280×1024, Sub card expansion) 1/4 display split, Support Tour function
Audio	Input	4 channel, BNC(Sub card expansion)
	Compression	PCM(G.711)
	Sampling Rate	16bit/8KHz
	Bit Rate	64Kbps
System Requirement	Operating System	Windows 2000/XP/2003/Vista/7, Linux
	CPU	Intel or AMD
	Motherboard	Based on Intel or AMD chipset, PCI-E slot
	Memory	1GB or above
Environmental	Graphics	AMD, NVIDIA, Intel graphics cards, memory 256MB or above
	Working Environment	-10~+55°C / 10~90%RH / 86~106kpa
	Power Requirement	12V±10%, 3.3V±10%
	Power Consumption	16W
	Dimension	250mm×106.6mm