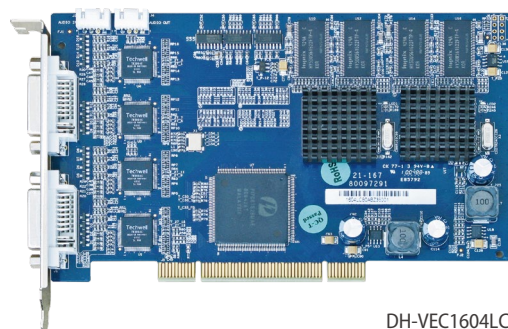
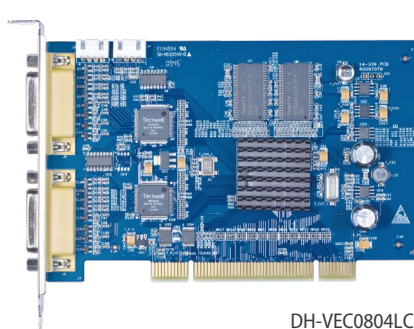


DH-VEC0804/1604LC

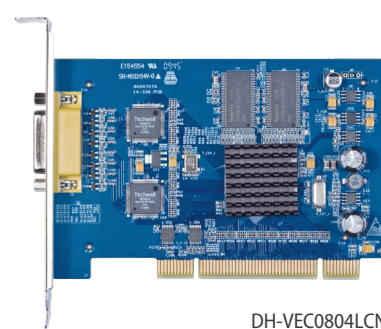
8/16 Channel Video & Audio H.264 RISC Compression Card



DH-VEC1604LC



DH-VEC0804LC



DH-VEC0804LCN



Features

- H.264 hardware compression algorithm for high compression ratio and excellent image quality.
- 8/16 channels CIF or 2/4 channels 4CIF(D1) realtime recoding and dual encoding stream supported, also support 8/16 channels 4CIF(D1)/2CIF/HD1 non-real time recoding (VEC0804LCN without audio encoding).
- Support 4CIF/CIF/QCIF real-time preview up to 64 cameras.
- Video detection supports Motion detection, Video loss and Video block.
- Support OSD/LOGO overlay, Privacy masking, Frame rate and Bit rate dynamically adjusted etc.
- Provide full SDK with Windows and Linux operation system.
- Compatible with full range of Dahua's Compression card.

Specifications

Model		DH-VEC1604LC	DH-VEC0804LC	DH-VEC0804LCN
General	Encoding Chip	VS2801		
	PCI Standard	PCI 2.2		
Video	Input	16 channel, BNC(1.0Vp-p, 75Ω) 8 channel, BNC(1.0Vp-p, 75Ω) 8 channel, BNC(1.0Vp-p, 75Ω)		
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
	Preview Resolution	4CIF/CIF/QCIF		
	Compression	H.264		
	Encoding Resolution	NTSC: 704×480(4CIF/D1), 704×240(2CIF), 352×480(HD1), 352×240(CIF), 176×120(QCIF) PAL: 704×576(4CIF/D1), 704×288(2CIF), 352×576(HD1), 352×288(CIF), 176×144(QCIF)		
	Encoding Speed	Main Stream: 16 channel CIF or 4 channel 4CIF(D1) with 25/30fps; 16 channel 2CIF/HD1 with 12/15fps, 4CIF(D1) with 6/7fps Extra Stream: QCIF with 25/30 fps	Main Stream: 8 channel CIF or 2 channel 4CIF(D1) with 25/30fps; 8 channel 2CIF/HD1 with 12/15fps, 4CIF(D1) with 6/7fps	Main Stream: 8 channel CIF or 2 channel 4CIF(D1) with 25/30fps; 8 channel 2CIF/HD1 with 12/15fps, 4CIF(D1) with 6/7fps
Bit Rate	32Kbps~4Mbps			
Audio	Input	16 channel, BNC(200-2800mV, 30KΩ)	8 channel, BNC(200-2800mV, 30KΩ)	/
	Compression	PCM/G.711	PCM/G.711	/
	Sampling Rate	8bit/8KHz	8bit/8KHz	/
	Bit Rate	64Kbps	64Kbps	/
System Requirement	Operating System	Windows 2000/XP/2003/Vista/7, Linux		
	CPU	Intel or AMD		
	Motherboard	Based on Intel or AMD chipset, PCI 2.2 slot		
	Memory	256MB or above		
Environmental	Graphics	NVIDIA, AMD-ATI, Intel graphics cards, memory 64MB or above		
	Working Environment	-10~+55°C / 10~90%RH / 86~106kpa		
	Power Requirement	5V±10%, 3.3V±10%		
	Power Consumption	6W	3W	3W
Dimension	182.5mm×106.6mm	152.5mm×93.2mm	145.5mm×85.2mm	