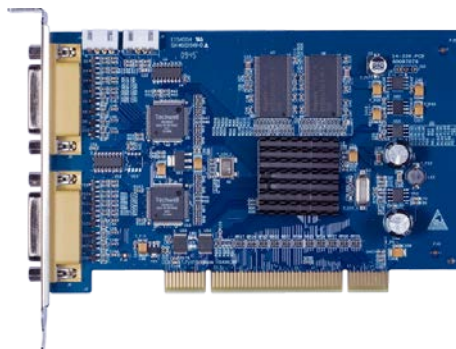


DH-VEC0804/1604LC

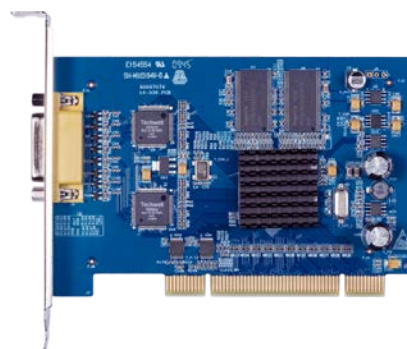
8/16 Channel CIF Compression Card



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 for 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.

DH-VEC0804/1604LC

Technical 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		
RAW Stream	/		
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		

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DH-VEC0804/1604LC

Graphics	NVIDIA, AMD-ATI, Intel graphics cards, memory 64MB or above		
Environmental			
Working Environment	-10~+55℃ / 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

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