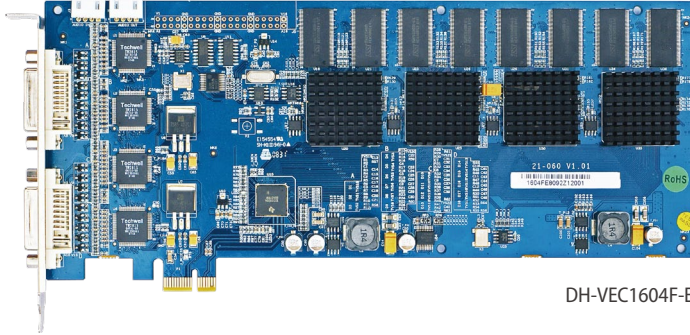
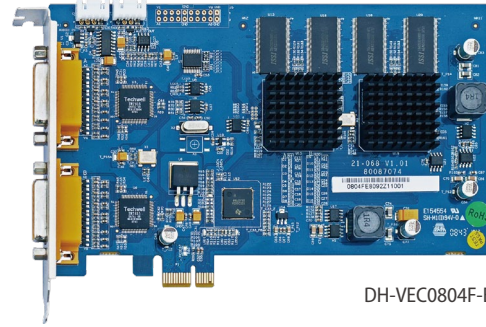


# DH-VEC0804/1604F-E

## 8/16 Channel PCI-Express Video & Audio H.264 DSP Compression Card



DH-VEC1604F-E



DH-VEC0804F-E



### Features

- H.264 hardware compression algorithm for high compression ratio and excellent image quality
- 8/16 channel 2CIF/HD1/CIF/QCIF or half channel 4CIF(D1) real-time recoding and dual-stream supported, also support full channel 4CIF(D1) non-real time recoding
- 8/16 channel 4CIF(D1)/CIF/QCIF RAW video stream output
- 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-VEC0804F-E		DH-VEC1604F-E	
General	Encoding Chip	TMS320DM645		
	PCI Standard	PCI-Express 1.0 (1X)		
Video	Input	8 channel, BNC(1.0Vp-p, 75Ω)	16 channel, BNC(1.0Vp-p, 75Ω)	
	Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
	Preview Resolution	4CIF(D1)/CIF/QCIF, Realtime		
	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: Full-channel 2CIF/HD1/CIF/QCIF or Half-channels 4CIF(D1) with 25/30fps; Full-channel 4CIF(D1) with 12/15fps Extra Stream: CIF/QCIF with 25/30 fps		
	Bit Rate	32Kbps~4Mbps		
RAW Stream	Full-channel 4CIF(D1)/CIF/QCIF			
Audio	Input	8 channel, BNC(200-2800mV, 30KΩ)	16 channel, BNC(200-2800mV, 30KΩ)	
	Compression	PCM/ADPCM		
	Sampling Rate	8bit/8KHz, 16bit/8KHz		
	Bit Rate	32Kbps		
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	7W	11W	
Dimension	182.5mm×106.6mm		257mm×106.6mm	