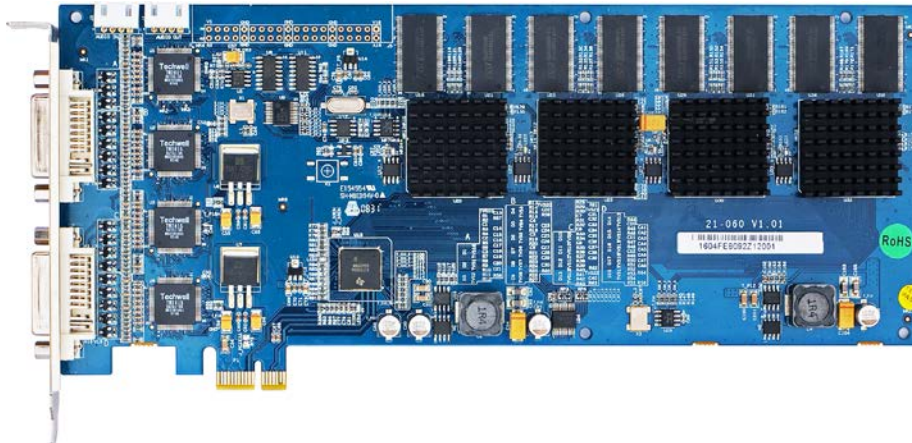
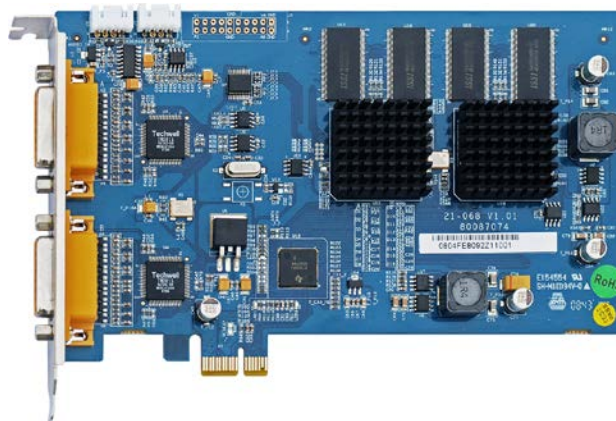


## DH-VEC0804/1604F-E

### 8/16 Channel 2CIF PCI Compression Card



**DH-VEC1604F-E**



**DH-VEC0804F-E**

### Features

- > H.264 hardware compression algorithm for high compression ratio and excellent image quality.
- > 8/16 channels 2CIF/HD1/CIF/QCIF or half channels 4CIF(D1) real-time recoding and dual-stream supported, also support full channels 4CIF(D1) non-real time recoding.
- > 8/16 channels 4CIF(D1)/CIF/QCIF RAW video stream output.
- > Support 4CIF(D1)/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-VEC0804/1604F-E

## Specifications

Model	DH-VEC0804F-E	DH-VEC1604F-E
<b>General</b>		
Encoding Chip	TMS320DM645	
PCI Standard	PCI-Express 1.0 (1X)	
<b>Video</b>		
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-channels 2CIF/HD1/CIF/QCIF or Half-channels 4CIF(D1) with 25/30fps; Full-channels 4CIF(D1) with 12/15fps Extra Stream: CIF/QCIF with 25/30 fps	
Bit Rate	32Kbps~4Mbps	
RAW Stream	Full-channels 4CIF(D1)/CIF/QCIF	
<b>Audio</b>		
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	
<b>System Requirement</b>		
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	
Graphics	NVIDIA, AMD-ATI, Intel graphics cards, memory 64MB or above	
<b>Environmental</b>		
Working Environment	-10~+55℃ / 10~90%RH / 86~106kpa	
Power Requirement	5V±10%, 3.3V±10%	
Power Consumption	7W	11W
Dimension	182.5mm×106.6mm	257mm×106.6mm

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