

# DH-VEC8008/8016HB-E

## 8/16 Channel PCI-Express Video & Audio Full-D1 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
- > Support up to full D1 realtime live view
- > 8/16 channel full D1 video realtime compression and dual-stream
- > 8/16 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 TV or VGA output with multi split and tour display
- > Standard PCI PCI-E 1X slot, 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-VEC8008HB-E	DH-VEC8016HB-E
<b>General</b>		
Encoder	SoC	
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)

## DH-VEC8008/8016HB-E

Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)	
Preview Resolution	4CIF(D1)/CIF/QCIF, Realtime	
Compression	H.264	
Encoding Resolution	4CIF/D1(704×576/704×480), Half-D1(352×576/352×480), 2CIF(704×288/704×240), CIF(352×288/352×240), QCIF(176×144/176×120)	
Encoding Speed	Main Stream: 4CIF(D1)/Half-D1/2CIF/CIF/QCIF with 25/30fps	
	Extra Stream: CIF/QCIF with 25/30 fps	
Bit Rate	32Kbps~4Mbps	
RAW Stream	Support, Full-channels at 4CIF(D1)/CIF/QCIF	
Output	1 channel TV(BNC)/1 channel VGA	2 channel TV(BNC)/ 2 channel VGA(Extension)
	1/4/8/9 display split, Support Tour function	1/4/8/9/16 display split, Support Tour function
<b>Audio</b>		
Input	8 channel, BNC(2.0Vp-p 1000Ω)	16 channel, BNC(2.0Vp-p 1000Ω)
Compression	PCM(G.711)	
Sampling Rate	16bit/8KHz	
Bit Rate	64Kbps	
<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-E 1X slot	
Memory	1GB or above	
Graphics	AMD, NVIDIA, Intel graphics cards, memory 256MB or above	
<b>Environmental</b>		
Working Environment	-10~+55℃ / 10~90%RH / 86~106kpa	
Power Requirement	5V±10%, 3.3V±10%	
Power Consumption	8W	12W
Dimension	145mm x 93mm	175mm x 106.6mm

### Dahua Technology Co., Ltd.

1187 BinAn Road, Binjiang District, Hangzhou, China

Tel: +86-571-87688883

Fax: +86-571-87688815

Email: overseas@dahuatech.com

www.dahuatech.com

\*Design and specifications are subject to change without notice.

© 2011 Dahua Technology Co., Ltd.