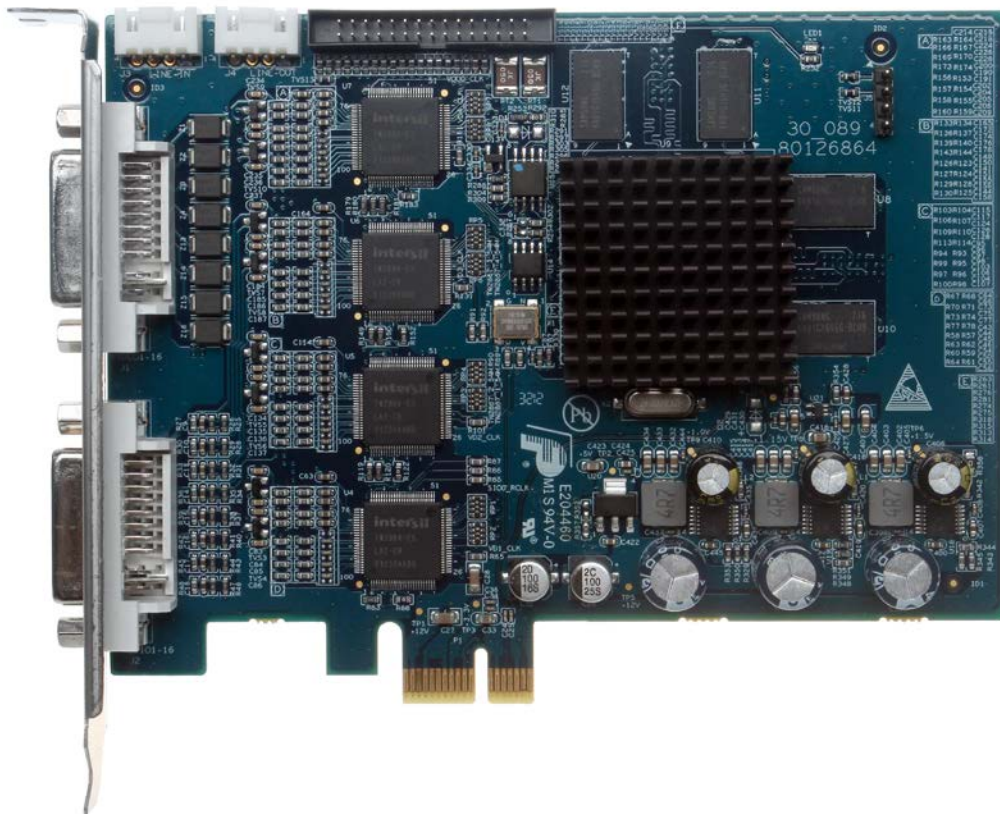# DH-VEC8116HF-E

16 Channel 960H 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 960H realtime live view.
> 16 channel 960H video realtime compression, support dual-stream
> 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 HDMI output with multi split and tour display(extension card)
> Standard PCI-E port, 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

DH-VEC8116HF-E

Specifications

Model	DH-VEC8116HF-E
General	
Encoder	SoC
PCI Standard	PCI-Express 1.0 (1X)
Video	
Input	16 channel, BNC(1.0Vp-p, 75Ω)
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Preview Resolution	Max 960H(960x576/960x480), Realtime
Compression	H.264
Encoding Resolution	960H(960x576/960x480), Q960H(480x288/480x240), QQ960H(240×144/240×120)
Encoding Speed	Main Stream: 25/30fps@960H / Q960H / QQ960H
	Extra Stream: 25/30fps@Q960H / QQ960H
Bit Rate	32Kbps~4Mbps
RAW Stream	Support, Full-channel@960H / Q960H / QQ960H
Output	HDMI (extension card)
	1/4/8/9/16 display split, Support Tour function
Audio	
Input	16 channel, BNC(2.0Vp-p 1000Ω)
Compression	PCM(G.711)
Sampling Rate	16bit/8KHz
Bit Rate	64Kbps
System Requirement	
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
Environmental	
Working Environment	-10°C ~+50°C / 10~90%RH / 86~106kpa
Power Requirement	5V±10%, 3.3V±10%
Power Consumption	<12W
Dimension	138mm x 106mm