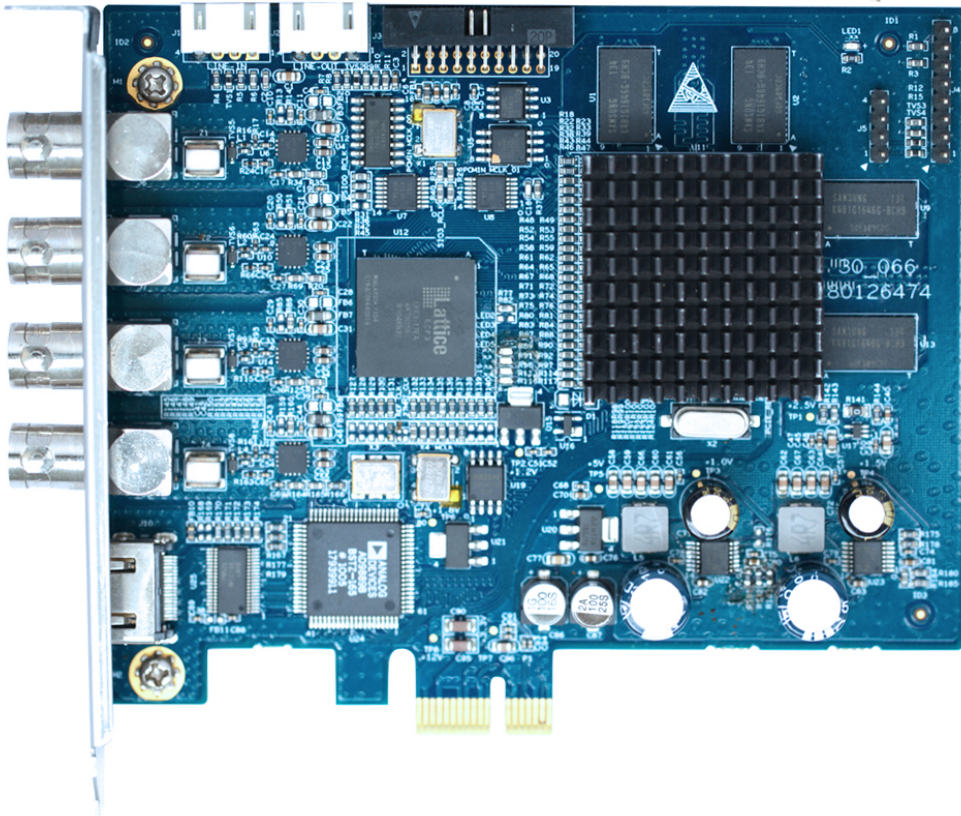


DH-VEC8104HD

4 Channel HD-SDI Full-HD Cost-effective PCI-E 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
- > 4 channel 1080P(25,30)/1080I(50,60)/720P(25,30,50,60) HD-SDI video inputs
- > Support up to 1080P realtime live view
- > 4 channel full-HD video realtime compression, support dual-stream
- > 4 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 1 channel 1920*1080 HDMI output or 1 channel 1280*1024 VGA output with 1/4-window display.
- > PCI-E x1 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-VEC8104HD

Specifications

Model	DH-VEC8104HD
General	
Encoder	SoC
PCI Standard	PCI-Express 1.0x
Sub Card	4 channel audio input(BNC), 1 channel matrix output(VGA)
Video	
Input	4 channel, HD-SDI HD video, BNC
Standard	1080P(25,30)/1080I(50,60)/720P(25,30,50,60)
Preview Resolution	Max 1080P(1920×1080), Realtime
Compression	H.264
Encoding Resolution	1080P(1920×1080), 720P(1280×720), Q1080P(960×540), Q720P(640×360), QQ1080P (480×270), QQ720P (320×180)
Encoding Speed	Main Stream: 25/30fps@1080P/720P
	Extra Stream: 25/30fps@Q1080P/Q720P/QQ1080P/QQ720P
Bit Rate	256Kbps~10Mbps
RAW Stream	Support, Full-channels at 1080P/720P/Q1080P/Q720P
Output	1 channel HDMI(1920×1080)/1 channel VGA(1280×1024, Sub card expansion)
	1/4 display split, Support Tour function
Audio	
Input	4 channel, BNC(Sub card expansion)
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 slot
Memory	1GB or above
Graphics	AMD, NVIDIA, Intel graphics cards, memory 256MB or above
Environmental	
Working Environment	-10~+55°C / 10~90%RH / 86~106kpa
Power Requirement	12V±10%, 3.3V±10%
Power Consumption	<15W
Dimension	125mm x 106mm

VEC FB SERIES

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.

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