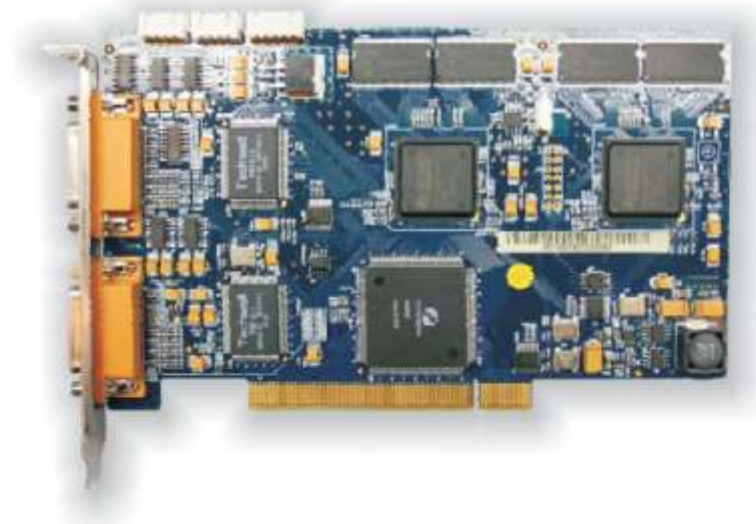


PC Based DVR BOARD



■ Model

DH-VEC1604F

16 channel audio/video compression board

DH-VEC0804F

8 channel audio/video compression board

DH-VEC0404F

4 channel audio/video compression board

■ Features

- H.264 compression algorithm with high compression ratio & good image quality
- Realtime live display up to 32 cameras with D1 resolution
- Realtime video/audio recording with no frame lost.
- Support multiple resolution type: D1, 2CIF, CIF, QCIF.
- Intelligent search and playback support, you can play back the video only motion detection occurs in the area you selected.
- Dual encoding streams support, flexible for network transmission
- Provide full SDK & demonstration with source code
- Provide player SDK & network SDK for PC platform
- Smart video detection: motion detection, camera blank, video loss.
- Smart camera settings: privacy masking, camera lock, color setting, and title display
- Support OSD, LOGO & MASK Overlay.

Specifications

General

DSP Model	TI Dm642
PCI Standard	PCI 2.2, PCI-X

Video

Video Input	4/8/16 Channel, BNC, 1.0Vp-p, 75 Ω		
Video Standards	PAL (625Line 50f/s) NTSC (525Line 60f/s)		
Video Compression	H.264		
Video Resolution	FORMAT	NTSC	PAL
	D1(4CIF)	704 X 480	704 X 576
	2CIF	704 X 240	704 X 240
	CIF	352 X 240	352 X 288
	QCIF	176 X 120	176 X 144
Video Recording	CIF: PAL 1f/s-25f/s NTSC 1f/s-30f/s		
Video Display Split	Full and multiple screen display, 1 / 4 / 8 / 9 / 16/25/32		
Image Quality	1~6 level (level 6 is the best)		
Motion Detection	Zones: 192 (16*12) detection zones Sensitivity: 1~6 (level 6 is highest)		
Privacy Masking	Self-defined four-sided zone for privacy masking for each camera		
Camera Adjustment	Adjust color according to different time period		

Audio

Audio Input	4 Channel, BNC, 1.0Vp-p, 75 Ω
Audio Output	4 Channel, BNC, 1.0Vp-p, 75 Ω

Hard Disk

Space Occupation	Audio : 14.4MB/H Video : 56 400MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid (Redundancy)

Environmental

Operating System	Windows 2000/2003/XP, LINUX
CPU	Intel Series
Mother Board	Based on Intel 845/865/915/925/ 945 chipset
Memory	256MB or above
Working Temperature	-10C° ~+55C°
Working Humidity	10%~90%
Atmosphere Pressure	86kpa~106kpa
Dimension	145mm*93 mm (L*W)for 4 channel 175mm*101 mm (L*W)for 8/16 channel

Application

Recommended installation areas are Securities Companies, Change Booths, Casinos, Pawnshops, Jewelers, Galleries, Exhibition Halls, Department Stores, Convenience Stores, Discount Offices, Hospitals, Police Stations, Subway Stations, Airports, Banks etc.