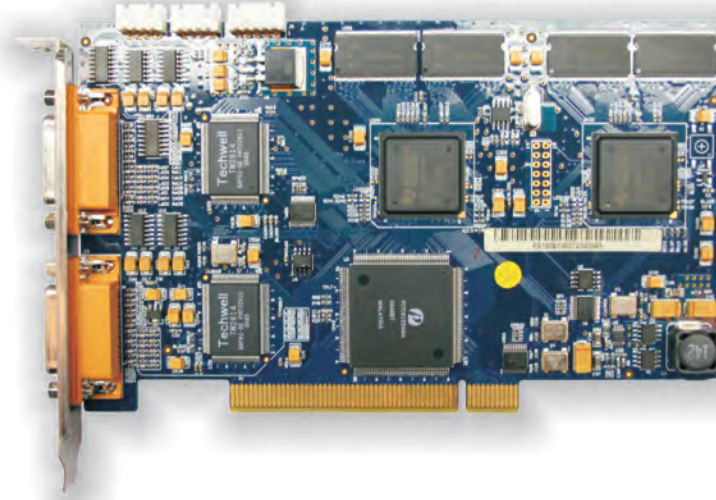


F Series

PC-BASED DVR BOARD



Model

DH-VEC0404F	4 channel audio/video compression board
DH-VEC0804F	8 channel audio/video compression board
DH-VEC1604F	16 channel audio/video compression board

Features

- | H.264 compression algorithm with high compression ratio & good image quality
- | Realtime live display up to 64 cameras with D1 resolution
- | Realtime video/audio recording with no frame lost
- | Support multiple resolution type: D1, 2CIF, CIF, QCIF. And it supports D1 12fps (PAL)/15fps(NTSC) for all channels
- | 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

Specification

General	
DSP Model	TI DM642
PCI Standard	PCI 2.2, PCI-X

Video			
Video Input	4/8/16 channel, BNC, 1.0Vp-p, 75Ω		
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	704X288
	CIF	352 X 240	352 X 288
	QCIF	176 X 120	176 X 144
Video Recording	PAL 1f/s-25f/s NTSC 1f/s-30f/s		
Video Display Split	Full and multiple screen display, 1 / 4 / 8 / 9 / 16/25/32/36/49/64		
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	4/8/16 channel, BNC, 200-2800mV, 30KO
Audio Compression	PCM/ADPCM

Hard Disk	
Space Occupation	Audio: 14.4MB/H Video: 56~400MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm, I/O error alarm

Environmental	
Operating System	Windows 2000/2003/XP, LINUX
CPU	Intel Series
Mother Board	Based on Intel 845/865/925/945 chipset
Memory	512MB or above
Working Temperature	-10℃~+55℃
Working Humidity	10%~90%
Atmosphere Pressure	86kpa~106kpa
Dimension	152*93 mm for 4 channel
	182*106 mm for 8 channel
	257*106mm for 16 channel

Application

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