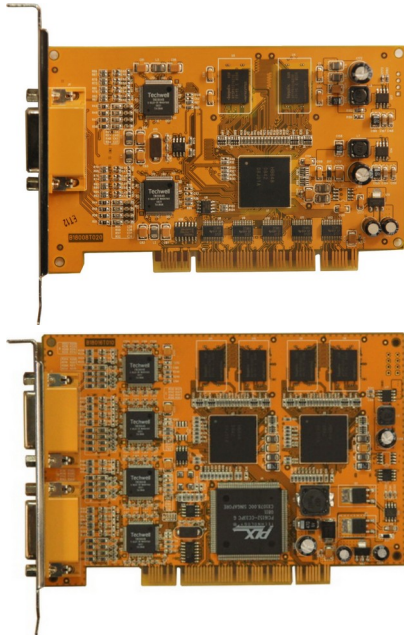


DH Series Quad-Plex Real Time DVR Card

Model: UV-8X16HD / UV-16X16HD



Features

Hardware Compression

Most DVR cards send raw images to the PC and compress them in the PC's memory, so adding cameras directly affects performance. The HD Series performs compression in its own memory and sends the processed image to the PC, reducing the PC's workload and ensuring optimum performance irrespective of camera numbers.

Flexibility

Supports up to 64 channels in one system. 8 ch and 16 ch cards can be combined to work together, making expansion convenient and cost effective.

H.264 Compression

Uses H.264 compression (MPEG-4 Part 10), offering superior picture quality with remarkably smaller file size.

Quad-Plex

Simultaneous record, live view / playback, backup and network. Recording continues in the background whatever you watch on screen, and the system can be accessed from a client computer via internet or LAN.

Live Recording

Recording frame rate of 25 fps per camera (PAL) / 30 fps per camera (NTSC). Image quality and frame rate are adjustable individually for each camera.

Motion Detection

Recording can be activated on motion, saving disk space and review time. The system can also trigger an alarm and send a snapshot by email.

Recording Modes

Manual, continuous, schedule, event (motion detection) and multi-zone motion detection are available simultaneously.

Easy Search

Search video by date, time and camera number, or by event log.

Privacy Masking

Mask any zone on any channel to prevent undesired areas from being recorded.

Remote Monitoring

Monitor from anywhere via ISDN, DDN, PSTN, LAN, WAN, internet, ADSL or modem. Multi-channel remote viewing through Internet Explorer or client software, with shielding, talk-back, playback and central management.

Pan Tilt Zoom Control

Local or remote control, supporting most high speed dome protocols.

Security

Multi-level, password protected user management. Video shielding on any channel restricts access from client computers.

Multiple Export Formats

Images can be exported as AVI files, or to CD or DVD.

Scheduled Color Settings

Color settings can be scheduled individually for each camera for different day and night light conditions.

Watermark

Date and time stamp watermark and event report log for evidence or prosecution purposes.

Two-way Communication

Two-way voice communication with the client PC.

SPECIFICATIONS:

Video	Input	Channels / Input Level	8 / 16 Ch, Composite 1.0 Vp-p, 75 Ohm
		Signal Format	NTSC / PAL Selectable
		Video Loss Check	Yes
	Output	Main Monitor Output	Composite BNC & VGA
		Output Level	Composite 1.0 Vp-p ± 0.2 , 75 Ohm
		Signal Format	NTSC / PAL & VGA
Audio	Input		8 / 16 Ch line input (as per video)
	Compression		G.711
Alarm	Sensor Input		8 (NC / NO Selectable)
	Alarm Output		5
	Alarm Trigger		By Alarm, Motion, Video Loss
Recording	Video Codec		H.264
	Operation		Quad-Plex (playback / record / network / backup)
	NTSC	Max 30 fps per camera @ 352 x 240	
		Max 30 fps per camera @ 704 x 240	
		Max 30 fps per camera @ 704 x 480	
	PAL	Max 25 fps per camera @ 352 x 288	
		Max 25 fps per camera @ 704 x 288	
		Max 25 fps per camera @ 704 x 576	
	Recording Quality		5 grades
	Recording Mode		Continuous / Schedule / Motion / Sensor / Manual
Display	Frame Rate	NTSC	30 fps / channel, 60 fields
		PAL	25 fps / channel, 50 fields
	Multi-Decoding		1, 4, 9, 16, 25, 36, 49, 64
Playback	Playback Speed	Fast Forward / Reverse	x2, x4, x8
	Search Mode		Event, Archive, Log
Storage	Internal HDD	Interface Type	EIDE / ATA133
		Max HDD Capacity	Unlimited
		Max HDD Number	Depends on PC
	File System		NTFS
	Backup	USB Stick	Still Image and AVI
		CD-RW / DVD-RW	Still Image and AVI
		Network	Video and Still Image
User I/F	Menu Display		GUI
	Input Method		Keyboard & Mouse
Serial Port	Console & External Modem		1 RS-232C (9-pin D-SUB connector)
	Camera Control		1 RS-485/422 (4-terminal block)
Network	Network Interface		ISDN, DDN, PSTN, LAN, WAN, ADSL, Modem
	Dynamic IP Support		Yes, DDNS
	Network Client S/W		Yes
	Web Browser		Yes
	Central Monitoring System		Yes
Additional Functions	Daylight Saving		Yes
	OS		Windows XP and NT
	Software Upgrade		USB 2.0 Memory Stick

Note: Design & Specification are subject to change without prior notice.

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