

DY-1648SV

16 CHANNEL H264 HARDWARE CODEC PC-BASED DVR

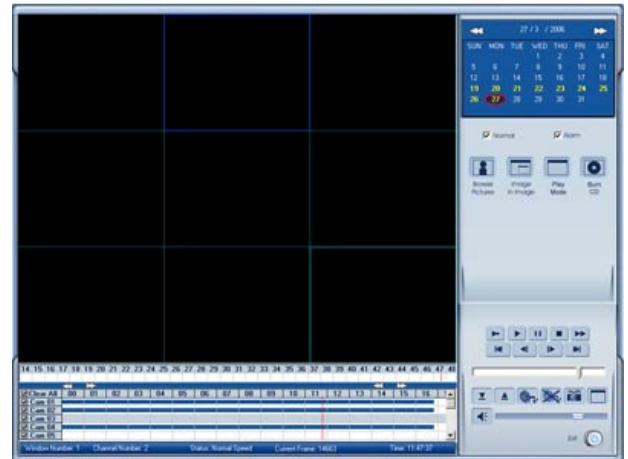
- ✓ 480 fps display & Recording
- ✓ Remote Viewing over Internet
- ✓ H.264 Hardware Compression
- ✓ Variable Bit Rate per Channel



- DY-3296SV features the most advanced H.264 video compression algorithm and OggVorbis audio compression technology.
- H.264 (MPEG-4/Part 10) video compression standard leads to high compression ratio and good video quality
- OggVorbis audio compression standard, features 16 kHz sampling rate and 16 kbps output bit rate
- Real-time video and audio compression, no frame lost
- It compresses video with CIF/QCIF resolution and preview with 4CIF.
- It uses newly designed capture board with more compact, steady and compatible SDK interface, which makes video capture development faster and easier.
- It uses fully optimized algorithm based on DSP technology to implement video & audio real-time encoding, active video & audio preview and motion detection, and etc.
- Since video image is directly transmitted from board to display frame buffer, and compressed stream is directly sent to RAM memory, the whole transmit procedure do not need any intervention of computer processor. Thus it saves processor power greatly, which leads to more stabilized and prolonged life of the system.
- Recording and networking parameters of each channel can be set independently.
- Brightness, contrast, saturation and hue of video signal in each channel can be adjusted in live view.
- Scheduled video adjustment setup allows keeping certain brightness on camera images only for scheduled time of the day.
- It adopts most advanced motion detection technology, which analytical precision can be adjusted dynamically. Reliable motion detection and video setting reduce storage requirement. The whole detecting procedure is completely done on board. Motion detection is completely independent from compression. It can detect both fast and slow motion.
- Watermark technology ensures authentication of your backup material.
- It notifies you on the phone (only if modem is installed in the system) or email.
- It supports DDNS server (does not provide one, though).
- System Log helps you to see activities, errors, setup changes made to the system, and etc easily.
- Remote view up to 64 cameras of your choice from multiple DVRs in various locations.
- Manage and setup multiple DVRs from remote location over internet.
- You can remote view over internet using not only remote viewing software but also Internet Explorer.
- Windows Lock feature prevents unauthorized users from accessing Windows and running other applications in Windows.
- Creates users in many different levels, to which various limitations or permissions can be given.
- Control PTZ dome cameras; navigate, setup presets, and adjust speed.



Live



Search

Camera Input	16 channels, BNC(Vp-p=1.0V, 75 ohm)
Audio Input	16 channels, BNC(Vp-p=2.0V, SNR > 83DB, Linear Electrical Level ,1000Ω)
Preview Resolution	Resolution: 704*576(PAL), 704*480(NTSC)
Video Compression	H.264, Support CBR, VBR; Frame: 25F /s(PAL) · 30F /s(NTSC) Output : 32kbps-1000kbps(CIF) or 70kbps-4000kbps(4CIF)
Compression Resolution	4CIF : 704*576(PAL) · 704*480(NTSC) DCIF : 528*384(PAL) · 528*320(NTSC) 2CIF : 704*288(PAL) · 704*240(NTSC) CIF : 352*288(PAL) · 352*240(NTSC) QCIF : 176*144(PAL) · 176*120(NTSC)
Audio Compression	OggVorbis, Sample ratio is 16KHz, Output ratio is 16kbps
Event Notification	Telephone (when modem is equipped), Email
Search	By Date, Events, Record Type
System Log	Yes
Network	LAN, Cable Modem, ISDN, PTSN, PPP(dialup)
Remote View Program	Manage/view multiple servers, view up to 64 cameras from multiple servers, audio monitoring
Internet Explorer Viewing	Yes
Image Verification	Watermark
Recording Mode	Schedule, Manual, Motion Detection, Video Lost, I/O Triggered
Video Adjustment	Brightness, Contrast, Hue, Saturation Independent Control per Channel Masking Area
Data Back Up	CDRW, Ethernet, HDD
Auto Shutdown/Restart	Yes

* Above specification and design subject to change without notification