



> **DVR - Major Advantages**

- Real time recording upto 32 channels
- PDA viewing
- Support IP cameras
- Central Management
- Point Of Sale (POS) Interface
- Door Access Control Integration
- Remote recording, audio recording
- TV Out, modem dial-in



DVR Camera Inputs	4, 8, 12, 16, 32 camera inputs
Display Speed	30, 60, 120, 240 and 480 fps NTSC
Recording Speed	30, 60, 120, 240 and 480 fps NTSC
Compression Method	MPEG-4 and H.264
Compression size	10 Gb per day for 4 channel 30 fps under continuous recording at 320 x 240, medium video quality
Resolution	640 x 480, 640 x 240, 320 x 240
Screen Viewing	1, 4, 7, 9, 13, 16, 32 splits and channel auto-switching, mosaic
Security Functions	Configurable user surveillance right on viewing channels, search, playback, backup, network, PTZ camera control, print, colour adjustment, multi-access, audio, save image, etc...
Recording Method	Continuous, schedule, event, motion detection, pre & post, alarm, higher frames on motion
Motion	Full or partial motion detection with selectable sensitivity, object detection, people count
Transmission	LAN, Cable modem, ISDN, PSTN, WAN support internet - static and dynamic
Audio Recording	1 to 8 channel audio recording. Live audio at remote site
TV Out	Yes (RCA connection)
Alarmin/out	1-16 inputs, 1-8 inputs
Storage	Local and local network hard drive, NAS, Once/Recycle/Data retain
Multitasking	Monitor, record, playback, transmit, web broadcast, backup data, snap shot, watermark, E-map, event alert, search by event and object, bookmark, and change settings, live video in search mode.
Searching Method	By time, camera, event, object and text. Graphic interface time bar and calendar
Image Enhancement	Zoom in/out, sharpness, hue, saturation, contrast and brightness. Playback speed adjustment from 1/5 to 5x
Remote Access	Client software and web browser with unlimited multi-connection. Bandwidth is selectable - 28.8 to 100Mbps
Back-up Function	Manually backup, schedule backup, remote backup (HDD, DVD, DVD-RW, CD-RW, NAS and network)
OSD Function	On-screen display camera ID, location, motion, object, recording, alarm and storage space
PTZ	Many protocols built-in to support PTZ camera.
Watchdog	Hardware and software watchdog
Central Management	Central management multi DVRs, two-way audio communication through I-PHONE, central station management
Event Handling	Event type: system start, normal or abnormal shutdown, login, logout, motion or object detection, settings changed, disk full, No video signal, input, output, alert Event action type: send mail, call on event, report to central station, alert, full screen
POS interface	All transactions will be recorded on DVR, built-in search engine.
Access Control Interface	Fully integrated to access control system (PTZ control, door control, etc...)
Warranty	One (1) year on parts - Two (2) years on labour