Chateau XP with 5 cameras

Chateau An Surveillance Security System that harnesses the power of Computer-based Video Recording, to bring to the market a reliable and affordable alternative to traditional Closed Circuit TV/VCR based security. For sites with existing CCTV cameras, this system can seamlessly tie-in to these cameras without requiring any modifications.Chateau DVR uses computer based hard drives to digitally record and store images, instead of standard videotapes which have short recording time,quickly wear out. The digital stored method preserves the image quality as it was recorded and can have a storage capacity that is measured in weeks.
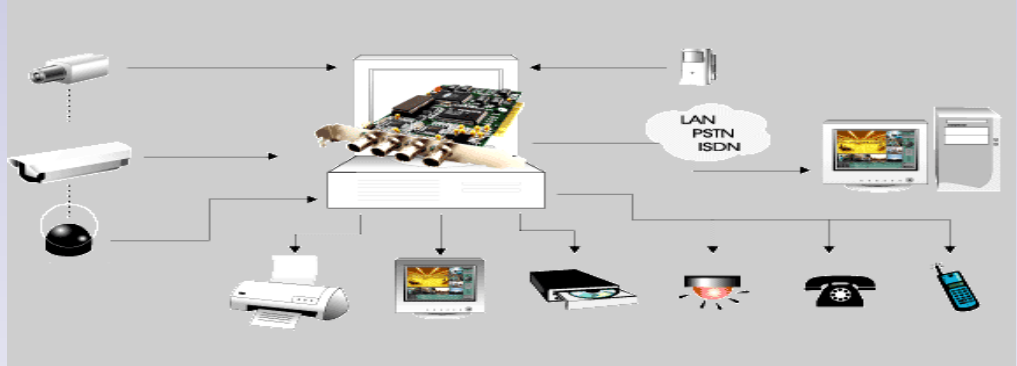
Why Chateau ?

Digital Signal Processing

Chateau's captured videos are digitally compressed and stored in the hard disk. It uses a DSP (Digital Signal Processing) chip (SMICT) that enables all captured video files to have high and dynamic motion image compression. Size, quality and recording speed can be adjusted for better compression rate and storage capacity. Compared to other conventional analog recorders which utilize videocassettes, Chateau is much more convenient and efficient since video clips are digitized and stored as files into a computer.

High Compression Ratio :Chateau DVR with unmatched storage performance & features. While others measure storage time in **days**, we measure our time in **months** -- without the need for multiple hard drives! Wavelet, JPEG, MPEG-x and others cannot compare to the proprietary format used in our DVRs, no matter what their marketing claims.

Remote Access with Multi HOST Remote monitoring is available for those who travel frequently or those who wish to monitor the actual sites without having to be there such as from the main administration building, from company HQ or from home. Remote monitoring can be achieved through PSTN (normal phone line), LAN or Internet.

Motion Detection An excellent feature of the Chateau DVR system is its intelligent motion detection without the use of separate motion sensors. It can detect any changes of images in the monitored areas. When motion is detected in these areas, system will be triggered to record images. This is extremely useful since it will save lots of storage space in the hard disk. It can also be configured to activate remote alert to notify by voice or send images via telephone or LAN. Image capturing can also be enabled to capture frozen images when motion is detected. These images help determine what and when the initial activities are detected and automatically saved as a file for printing, etc.

Alarm Log All motion detections and alarm events are stored in the alarm log. This log can be accessed for details of the incident. Direct playback from the alarm log can be achieved by clicking on the desired data. If local alarm sound is required, the system can also be configured to play an alarm sound of your choice through the PC speakers when motion is detected to notify the surveillance guards or personnel

Hardware watchdog. System will automatically restart when the system fail. recording will start as soon as soon as the computer start

Specification

Product Models	Chateau X				Chateau XP				Chateau XP plus	
Video in (BNC)	4	8	12	16	4	8	12	16	8	16
Audio in (RCA)	2	4	6	8	2	4	6	8	2	4
Max Recording / Display Speed (FPS) with PAL	50	100	120	133	50	100	150	200	133	266
Compression Technology	SMICT by on board DSP chip (hardware compression)									
Image Compression Rate	40:1 ~ 240:1									
Hardware Watchdog	Automatically restarts when the system fails									
Recording mode	Continuous, Schedule, Motion detection on each camera									
Hard disk Supported	All hard disk in the system									
Alarm Triggering	Motion Trigger / IO/ Video lost									
Alarm Alert Functions	Sound Alert, Snap Shot, Activate recording/change recording speed/IO remote alert by real time image ,phone with pre-recorded sound E-mail alert : for Chateau XP/plus									
Log File	Alarm log/ user log/ error log									
Multi-Task capability	Allow recording/playback, remote monitoring all at same time									
Audio Recording	24KBS ADPCM (simultaneously with video recording)									
PTZ Support	Support major PTZ camera protocol via RS-485 or I/O									
I/O Function	Optional with the use of VGIO card									
E-Map	Provide controllable e-map to locate cameras									
Network Function	LAN/ Internet on TCP/IP Virtual IP to Virtual IP (NAT) (for Chateau XP/PLUS only)									
Multi-host monitoring	Chateau XP/PLUS can monitoring multi host simultaneously on the same computer screen									
Watermark	Chateau XP/PLUS provided watermark on recorded video									
Operating System	Windows 2000/XP									
Remote Software	Windows 2000/XP/ME/98/NT (Direct X 8.1 required)									

System Configuration

CPU:>1.7GHz,256MB DDRAM,64MB DDRAM AGP with TV-out, 10/100 MB LAN, USB External Modem,PS/2 Keyboard & mouse, Licensed WIN XP O/S, ATX Tower Casing. A/C fails re-start. HDD : 60GB-480GB. Others Configuration available as requested.

Please Check with your local distributor for more information. Specification subject to changes.

Distributor

The Heart of Chateau System

FCC,CE approved