

# VCT VISION™

**ELITE  
SERIES  
TECHNICAL  
SPECIFICATIONS**

## GENERAL

SAVST™ proprietary software  
compression, file format  
and encryption  
Windows Embedded XP  
operating system  
Highest recording capacity  
in the industry  
200GB standard HDD,  
configurable up to 400GB  
CD-RW (DVD-RW optional)  
16 camera inputs  
1 standard audio input  
Two-way audio (optional)  
Modem (optional)  
10/100 Mbps Ethernet  
704x480, 704x240, 352x240  
image sizes  
120 fps total recording frame  
rate, configurable to divide  
across 16 channels  
120 fps total live view frame rate  
(optional 480fps), configurable  
to divide across 16 channels  
Advanced programmable  
motion detection  
1 analog TV output (second  
multiplexed output optional)  
Pan/Tilt/Zoom control  
Password protection  
Still image save with watermark  
authentication  
Still image print capability  
Fully integrated one-button backup to:  
• CD-RW (standard)  
• DVD-RW (optional)  
SAVST™ or MPEG-2 backup format  
TCP/IP or PSTN modem  
remote network  
Up to 64 remote connections  
Remote transmission (live view,  
playback, file copy, audio)  
Remote control (Pan/Tilt/Zoom,  
auxiliary devices, alarm)  
System failure handling (auto  
rebooting with file recovery)  
Dimensions: 7.3" x 19.7" x 18.7"  
Switch selectable, auto protection power  
supply (100~127/200~240 VAC)  
Pentium 2.6GHz CPU (minimum)  
512MB RAM  
Mouse and keyboard  
1024x768 monitor resolution  
32-bit color  
NTSC/PAL support  
Multiple language support (optional)  
Tool tips  
Electronic manual

## MONITORING (LIVE VIEW) & RECORDING

1, 4, 9, 16 multi-camera  
display modes  
Full-screen display  
1 analog TV  
output (second  
multiplexed output optional)  
Adjustable multi-screen switching  
(1 sec to 60 sec intervals)  
Viewing without recording capability  
Hidden camera mode (recording  
without viewing)  
Image quality adjustment (adjustable  
for individual cameras)  
Record on motion detection  
Up to 16 different motion  
detection zones  
Programmable motion  
detection sensitivity  
Fully programmable scheduled  
recording (1-hour increments;  
daily, weekly, monthly, or date)  
Sensor-based recording  
Motion alarm  
Camera input detection  
Camera image adjustment (brightness,  
contrast, chroma, hue)  
Daylight savings time adjustment  
Estimated recording period  
(progress bar shows percentage  
of overall disk usage)

## SEARCH & PLAYBACK

1, 4, 9, 16 multi-camera display modes  
Synchronized multi-screen playback  
Full-function playback (play,  
rewind, fast-forward)  
Random access for search  
Search filters for playback (date & time,  
camera, sensor, point-of-sale data)  
Magnifying glass zoom  
Image enhancement (brightness,  
contrast, gray, low pass, high  
pass, edge enhancement)  
Playback with image zoom/  
image enhancement  
Still image print capability  
Live data backup to network drive  
Offsite data archiving  
Still image save with watermark  
authentication  
Multiple still image export  
SAVST™ or MPEG-2 backup format  
Simultaneous local, remote and  
archive video viewing



## REMOTE SURVEILLANCE

SAVST™ Server software  
SAVST™ Client software  
(Windows 2000, XP)  
SAVST™ PDA software  
(Windows CE)  
SAVST™ Smartphone  
software (2003)  
TCP/IP or PSTN modem  
remote network  
Up to 64 connections  
Remote transmission (live view,  
playback, file copy, audio)  
Remote control (Pan/Tilt/Zoom,  
auxiliary devices, alarm)  
High speed transmission  
Unlimited connection time  
User log with search filters  
for remote access

## EVENT LOG & SEARCH

Logs  
• Sensor event  
• Recording start/stop  
• Date & time change  
• Password change  
• Settings change  
• System power on/off  
• System power recovery  
• HDD failure, reboot,  
• Remote access users  
Unlimited number of events stored  
Event search filter (date &  
time, event, remote user)  
Sensor event playback  
Search filter for sensor event  
playback (date & time, camera)  
Full or multi-screen sensor  
event playback

## SECURITY & MAINTENANCE

SAVST™ image file encryption  
Auto rebooting after power failure  
Auto recovery of system files  
Auto recovery of data files  
Support for UPS backup battery  
Programmable watchdog (to  
reboot 10 seconds to 5 minutes  
after halt or lockup)  
Passwords  
• System access  
• Set-Up access (administrator)  
• Remote access



### ELITE:

The most  
important video  
surveillance  
capabilities in  
an affordable  
package.

**EX-16-120**

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