

VCT VISION™

INDUSTRIAL 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 1600GB
Dual layer DVD-RW
8 camera inputs
1 standard audio input (4 or 8 channels optional)
8 channel video loop-through
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 8 channels
120 fps total live view frame rate (optional 240fps), configurable to divide across 8 channels
Advanced programmable motion detection
VIP overlay (optional)
2 analog TV outputs (single and multiplexed)
8 sensor inputs
4 alarm outputs
RS485 output
Pan/Tilt/Zoom control
Password protection
Still image save with watermark authentication
Still image print capability
Fully integrated one-button backup to DVD-RW
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: 18" x 17" x 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
2 analog TV outputs (single and multiplexed)
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

SENSORS & ALARMS

8 sensor inputs (dry contact N/C, N/O)
4 alarm outputs (relay contact 3A 120VAC or 3A 24VDC)
RS485 output
Software selectable sensor input type
Adjustable alarm hold time (1-60 sec)
Single screen mode for sensed camera
Motion detection alarm
Video loss alarm
Sensor input indicator
System beep for sensor input

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



8 channels
120 fps

IX-8-120

IX-8-120

INDUSTRIAL:
The highest level of functionality in the most robust package.