

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
16 camera inputs
1 standard audio input (4,8, or
16 channels optional)
16 channel video loop-through
Two-way audio (optional)
Modem (optional)
10/100 Mbps Ethernet
704x480, 704x240, 352x240
image sizes
240 fps total recording frame
rate, configurable to divide
across 16 channels
240 fps total live view frame rate
(optional 480fps), configurable
to divide across 16 channels
Advanced programmable
motion detection
VIP overlay (optional)
2 analog TV outputs (single
and multiplexed)
4 sensor inputs
4 alarm outputs
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)



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

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

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



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