

NV6240 Features

A.C. Technologies
Grand Island, Nebraska
308-380-3568
sales@goactechnologies.com

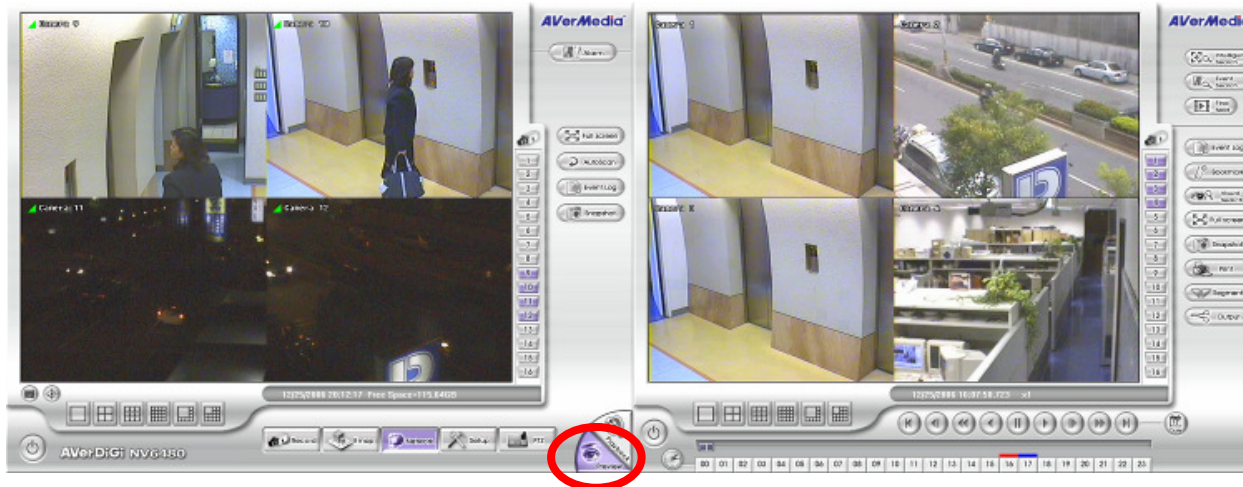
V7 Revolution

- Version integration
 - Supports NV3000/5000/6000/6240/6480EXPRESS/6240EXPRESS-8CH/7000H with one installation package
- Leap in Resolution
 - Support MegaPixel IP camera
- Dual Monitor
 - Live and Playback
 - Live and Emap
- Intelligent Video
 - Scene Change
 - Object Counting
- Handheld Device
 - Mobile phone
 - PDA
 - Symbian Smart phone
 - Windows Smart phone

Dual Monitor

- Playback or E-map screen would be shown on the second monitor when playback button is pressed in dual monitor environment

- Playback



- EMAP



Alarm Condition

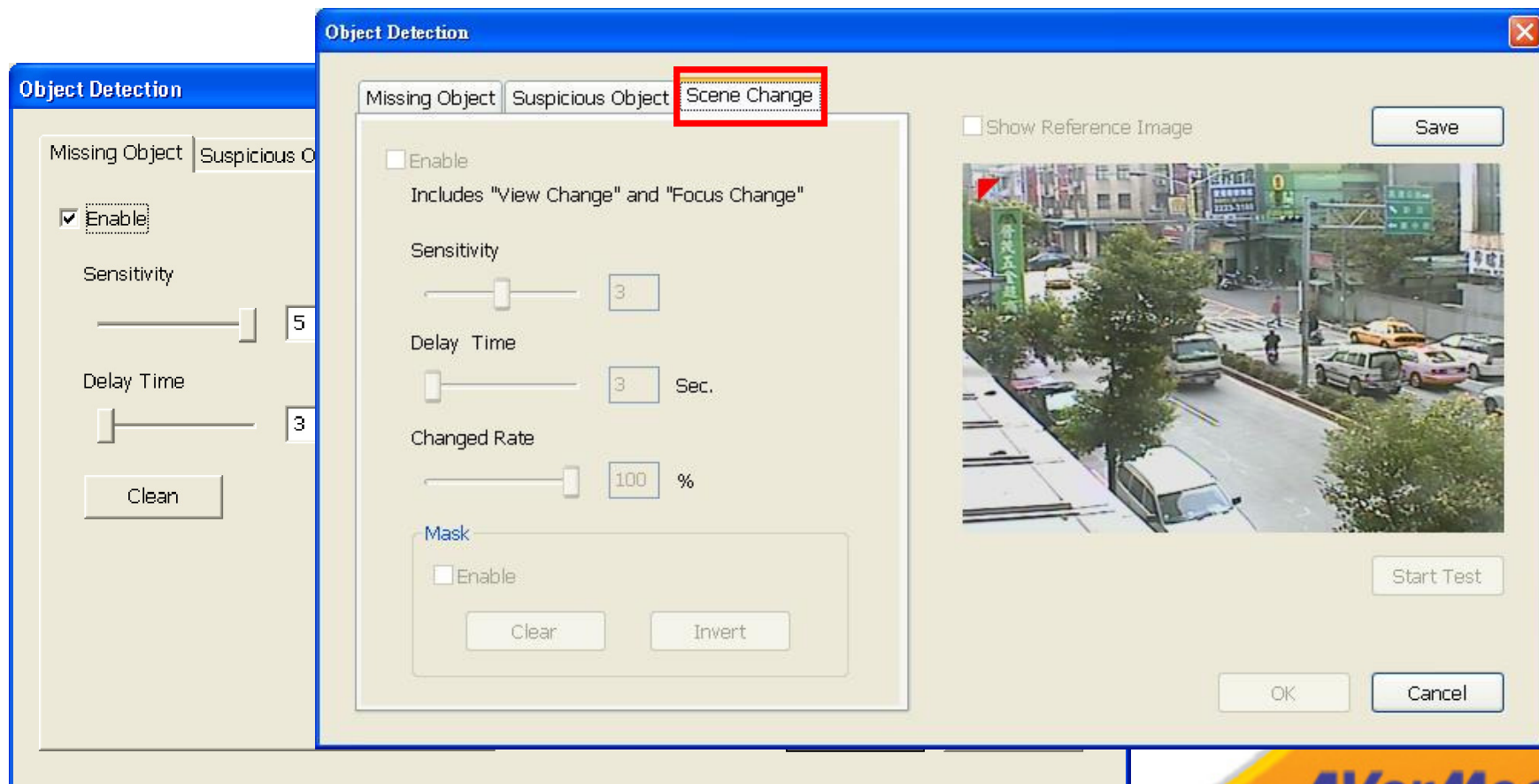
- Two new condition to trigger alarm
 - Scene change
 - Audio detection
 - Abnormal event
 - Hard Disk Failed alarm has been moved into abnormal event alarm
 - Define continuous trigger time of sensor

The image shows two overlapping software windows. The background window is titled "Alarm Setting" and is configured for "Alarm1". It features a 24-hour "Enable Time" bar, "Conditions" (Motion Detected, Video Loss, Missing or Suspicious Object/Scene Change, Audio Detected, Sensor), and "Action" options (Launch E-Map, TV Out, Enlarge Camera View, Relay Output, Play Warning Sound, Make Phone Calls, Send E-Mail, File Transmission via FTP, Start Recording, SMS/MMS, PTZ preset point, Alarm SOP, Send to CMS, Launch program). Several options are highlighted with red boxes: "Missing or Suspicious Object/Scene Change", "Audio Detected", "Continuous trigger duration" (set to 0 seconds), and the "Abnormal Event" checkbox.

The foreground window is titled "Abnormal Event" and lists several conditions with checkboxes: Reboot, Abnormal Reboot, Recording is switched off, Network is switched off, Hard Disk failed, and Temperature. The "Temperature" condition is currently set to a threshold of 50 degrees Celsius. Both windows have "OK" and "Cancel" buttons.

Scene Change

- Include View Change and Focus Change
- Store "Original Image" can help to recover the camera position



Object Counting

- Object size adjustable
- Detection area setting
- Two way counting

Object counting information display

The screenshot displays the 'Object Counting' software interface. The main window shows a video feed of a street scene with two detection regions: Region 1 (a yellow rectangular box) and Region 2 (a green mesh area). A yellow box around a car is labeled 'Object size frame'. The interface includes several control panels:

- Region Setting:** Buttons for 'Region1', 'Region2', and 'Clear All'.
- Define:** A button for 'Object Size'.
- Sensitivity:** A slider set to 5.
- Display:** Checkboxes for 'Moving Objects' (unchecked) and 'Detected Regions' (checked).
- Testing Result:** A table showing 'In (1-->2) : 0' and 'Out (2-->1) : 0'.
- Test:** A 'Start' button.
- Buttons:** 'Reset Counter', 'OK', and 'Cancel'.

IP PTZ Support

- Local and Remote PTZ camera control
- Setting "Restore AutoPan Time" for remote IP PTZ
- Expandable for requested protocol



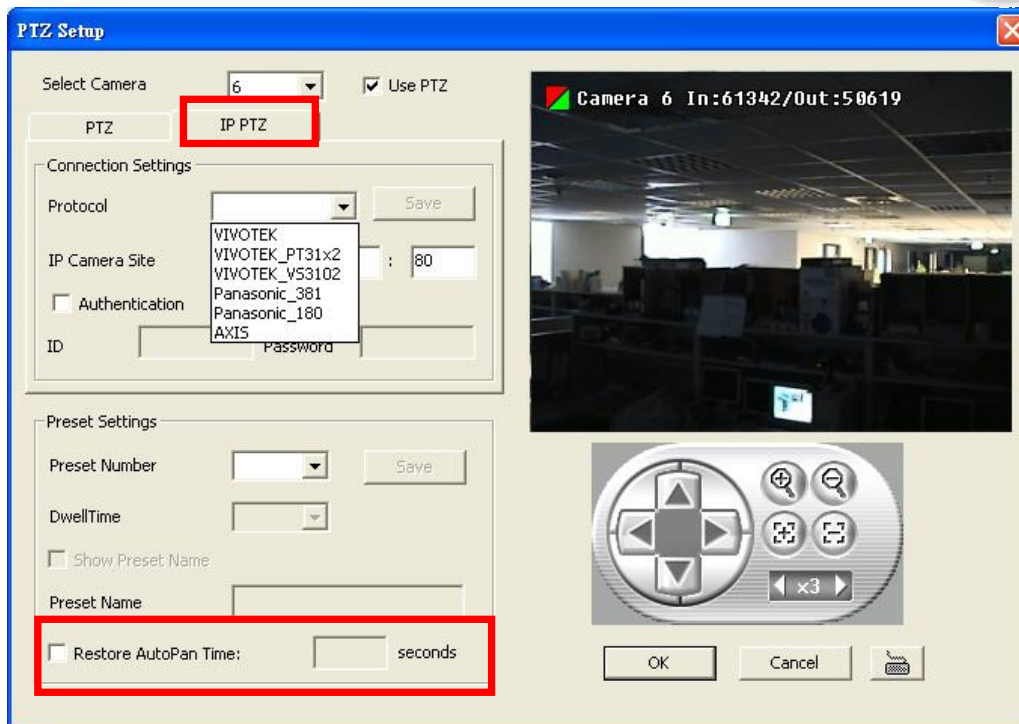
- Support USB Joystick

- Plug-n-Play
- Click PTZ function on the Main screen, you can use

- Four directions with different speed

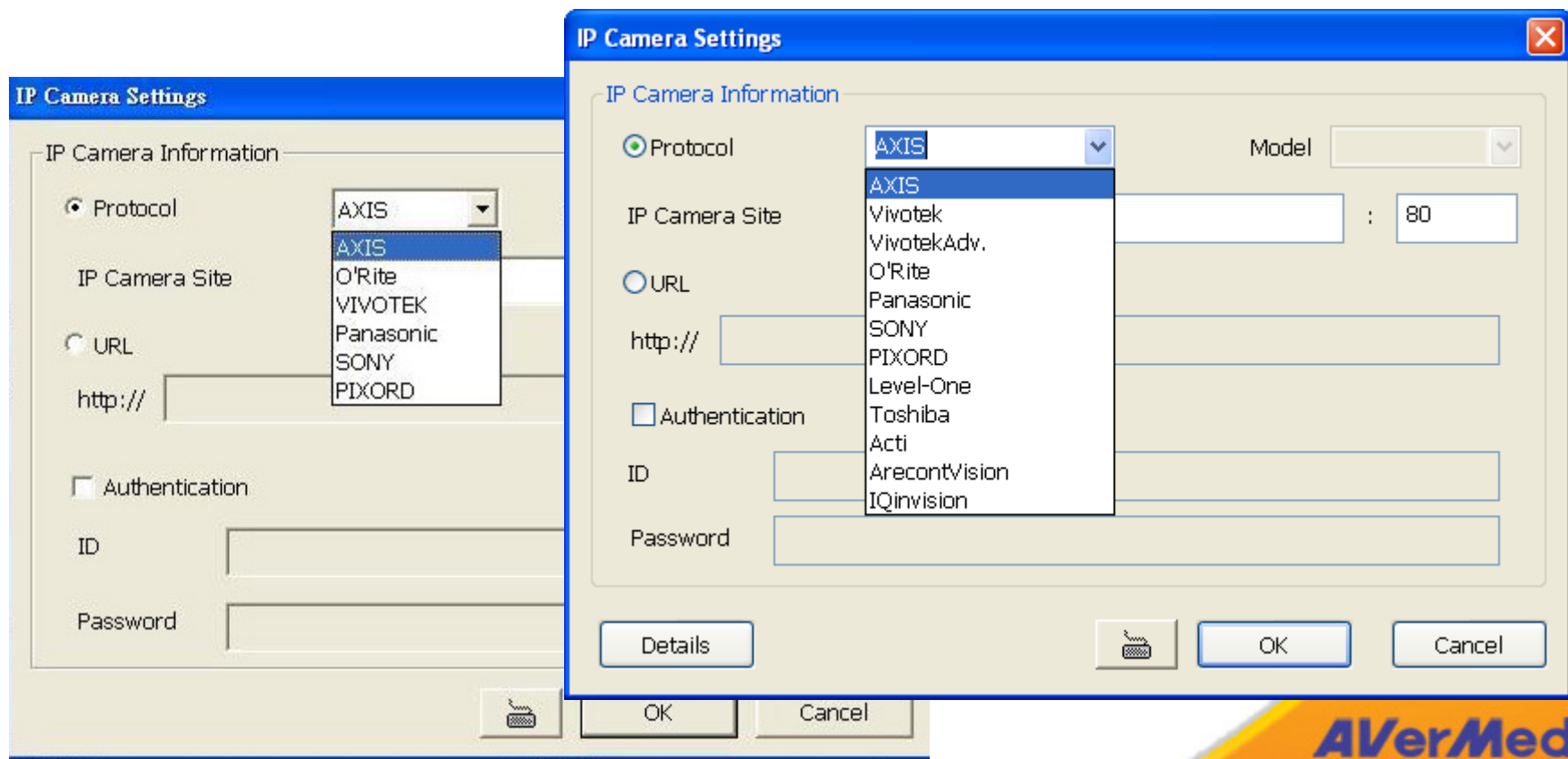
- 1, 2: zoom-in, zoom-out

- 3, 4: focus-in, focus-out



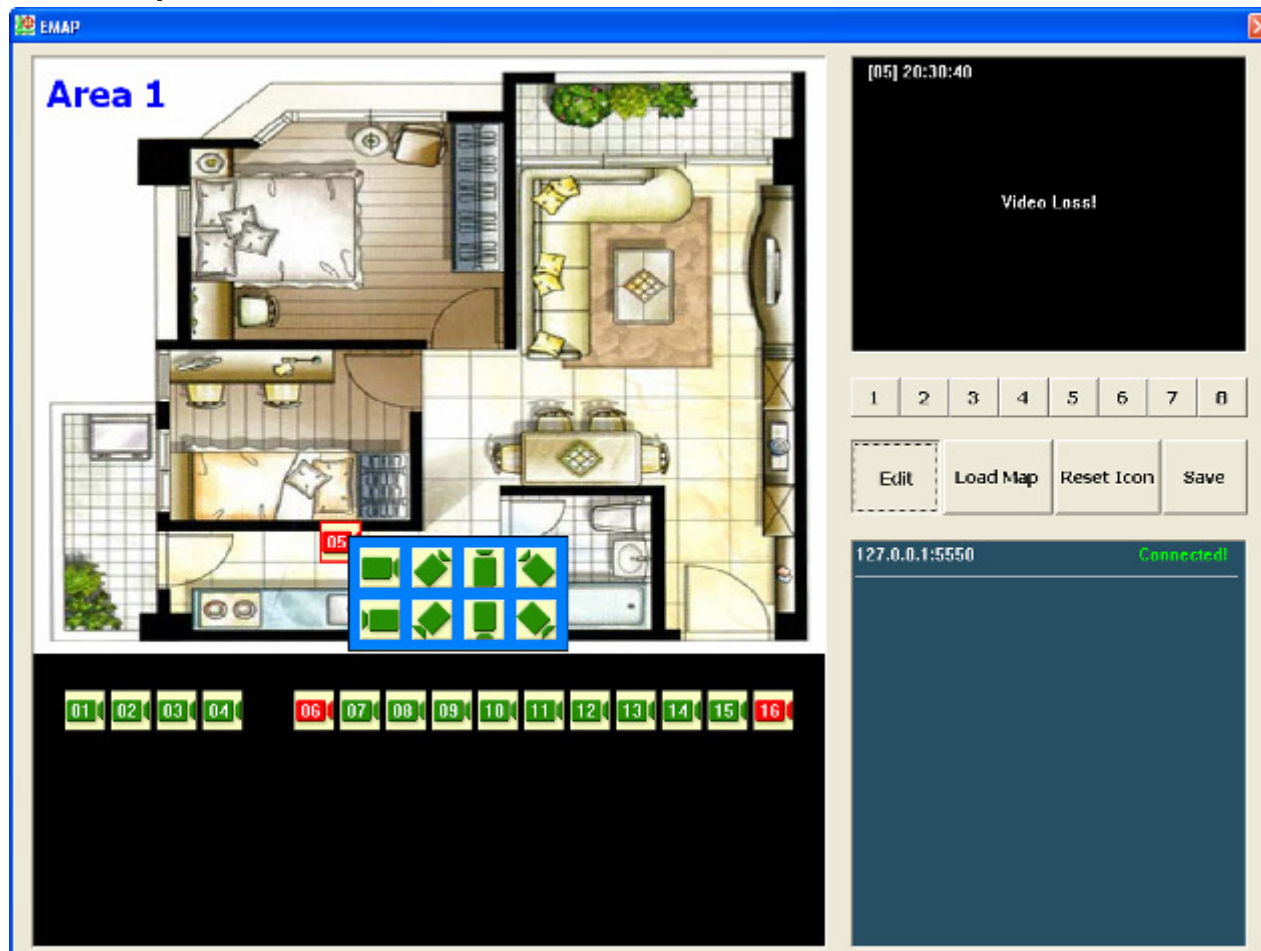
Incremental IP Camera List

- MPEG4 stream
 - Vivotek
 - ACTi
- Support MegaPixel IP camera



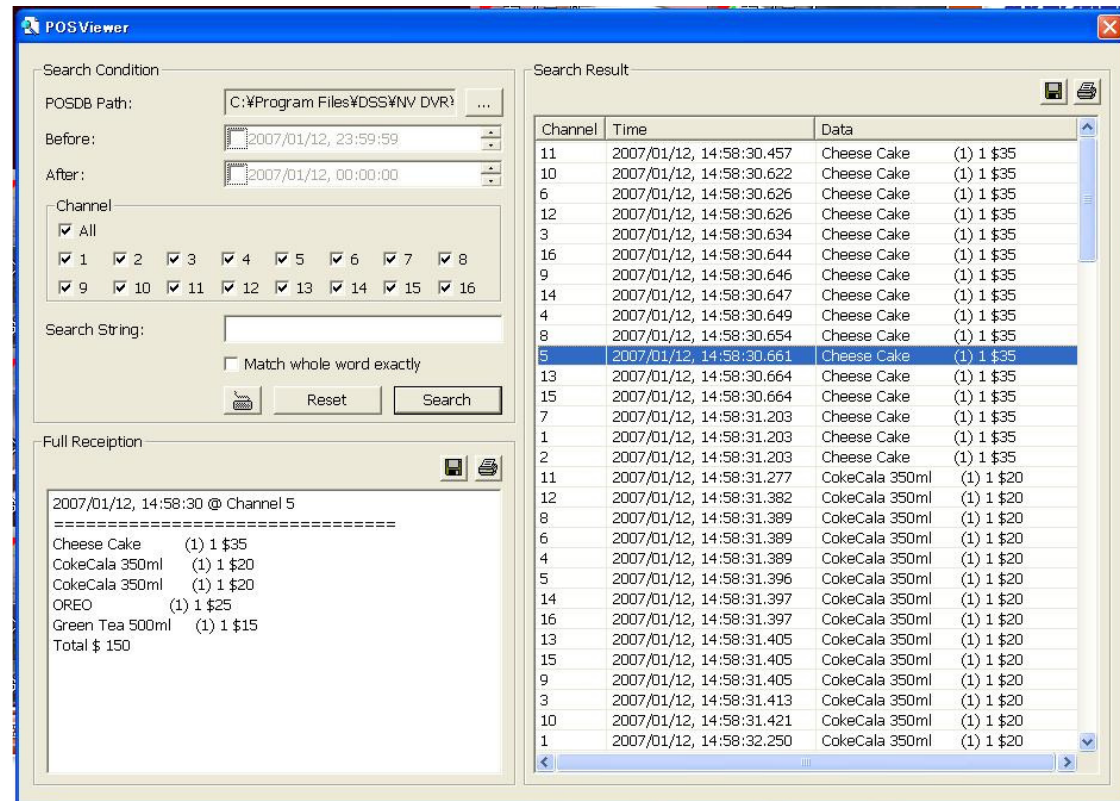
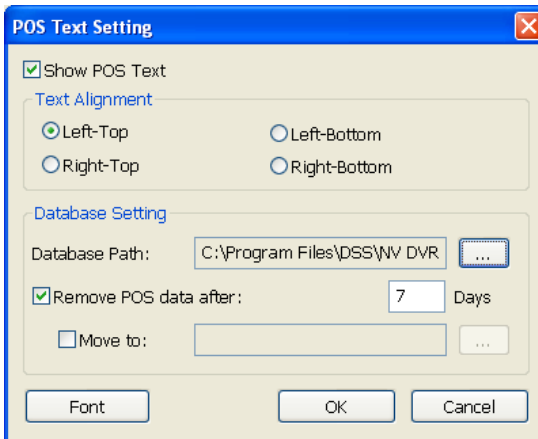
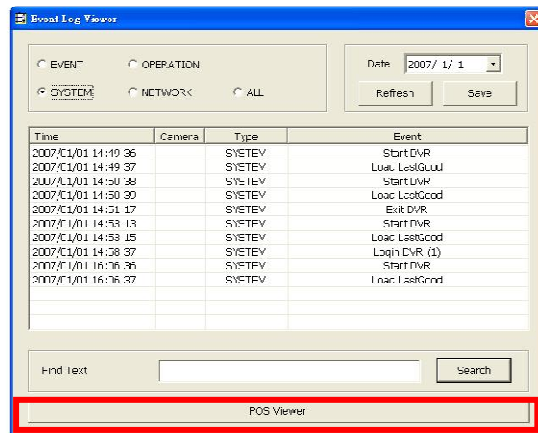
Camera Rotation on EMAP

- Support 8 angles
 - 8 different icons to mark camera view angle and position



POS DataBase and Viewer

- Store POS data in ACCESS database
- Professional POS Viewer to read Receipt
- Advanced filter condition
- Quick link to play recorded file



New Network Function

- Handy Viewer
 - select video size and quality to have best quality on your phone
- White list
 - high-level security that only allows listed IP
- Network video property
 - Adjust transmitting frame rate
 - Adjust transmitting video quality

Network Setting

Server Name:

Transmitting Cameras: All
 1 2 3 4 5 6 7 8
 9 10 11 12 13 14 15 16

Server Name:

Server IP:

Remote Console PORT:

Dynamic DNS
 Domain Name:
 Password:

Network Video Configuration
 Quality Level: 3
 Frame Rate Level: 3

WebViewer Configuration
 Enable Anonymous Login
 WebViewer PORT:

Voice Phone
 Talk to Web-Client
 PORT:

Network Time Synchronization
 Time Server:
 Automatic synchronize at

Other Configuration
 UPnP
 Enable White List
 Enable Handy Viewer
 Network Bandwidth Limit

JPEG Setting

Video Size
 352x288 176x144 88x72

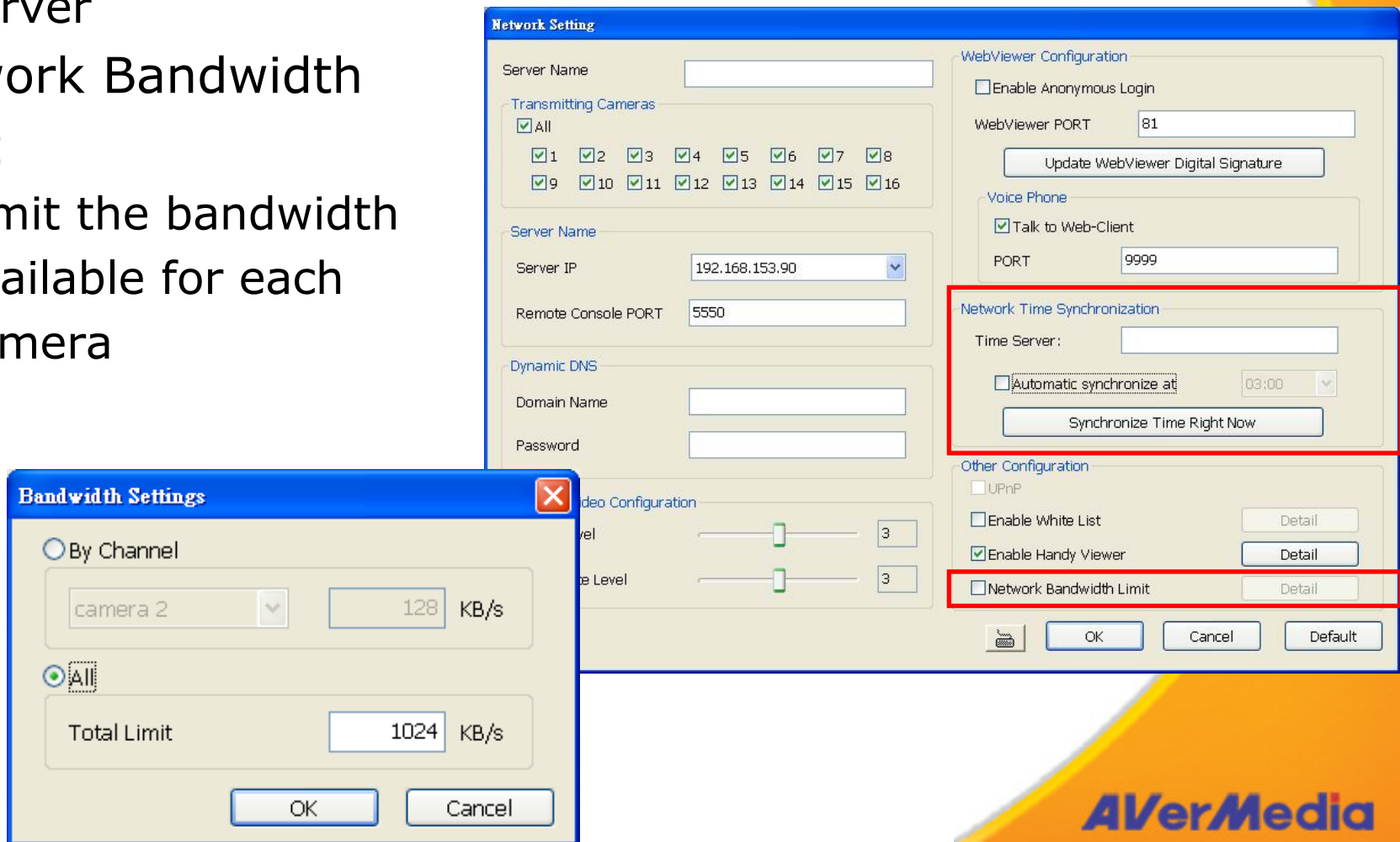
Quality
 70

Network White List

IP
 IP Range -

New Network Function (Cont.)

- Network Time Synchronization
 - Synchronize local time with the specified time server
- Network Bandwidth Limit
 - Limit the bandwidth available for each camera



Authority on Remote Access

- Protect server's information by limiting remote access on EMAP and Event Log Viewer

User Setting

Authorization Level
 User Administrator

Control Right

<input checked="" type="checkbox"/> System Setting	<input checked="" type="checkbox"/> PTZ
<input checked="" type="checkbox"/> Record	<input checked="" type="checkbox"/> E-Map
<input checked="" type="checkbox"/> Network	<input checked="" type="checkbox"/> Backup
<input checked="" type="checkbox"/> Playback	<input checked="" type="checkbox"/> Scheduler
<input checked="" type="checkbox"/> Power OFF	<input checked="" type="checkbox"/> POS
<input checked="" type="checkbox"/> IP Camera (for Webcam)	<input checked="" type="checkbox"/> Advanced Mode

Remote Access time
 Infinite Minute

Visible camera
 All
 1 2 3 4 5 6 7 8
 9 10 11 12 13 14 15 16

Name Password

Description Confirm Password

User Setting

Authorization Level
 User Administrator

Control Right

<input checked="" type="checkbox"/> System Setting	<input checked="" type="checkbox"/> PTZ
<input checked="" type="checkbox"/> Record	<input checked="" type="checkbox"/> E-Map
<input checked="" type="checkbox"/> Network	<input checked="" type="checkbox"/> Backup
<input checked="" type="checkbox"/> Playback	<input checked="" type="checkbox"/> Scheduler
<input checked="" type="checkbox"/> Power OFF	<input checked="" type="checkbox"/> POS
<input checked="" type="checkbox"/> Advanced Mode	

Web Viewer

<input type="checkbox"/> Remote Console	<input type="checkbox"/> Remote LogViewer
<input type="checkbox"/> Remote EMAP	<input type="checkbox"/> IP Camera

Remote Access time
 Infinite Minute

Visible camera
 All
 1 2 3 4 5 6 7 8
 9 10 11 12 13 14 15 16

Name Password

Description Confirm Password

System Setting

- Event and Alarm Log
 - Recycle
 - Backup
- Mandatory Recording
 - Recording function is always on
- Embed PLAYER into each storage path
 - Take hard disk to any computer

System Setting

Storage Path

Folder Name	Free Space	Disk Space(Used)
C:\Data	16.42G	18.55G(0.00G)
D:\DATA	99.22G	130.49G(12.84G)

Miscellaneous

- Status Report
- Desktop Lock
- Beep if no signal
- Shut down OS when exit
- Mandatory recording

Playback Mode: Play the last file

Date Format: mm/dd/yy

AutoScan Period: 3 Sec.

Login

- Auto Login when OS start
- Ask for password when login
- Auto record when login
- Auto start Network when login
- Login to Compact mode
- Silent Launch

Default User: 1

Attention Please

- Attention Enable
- Analysis
- Times per day: 5

TV Out

Show on Surveillance Monitor

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

AutoScan Period: 3 Sec. Advance

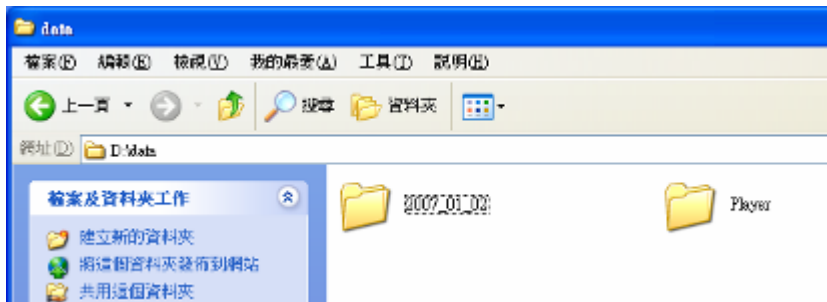
Configuration

Import Export

UPS

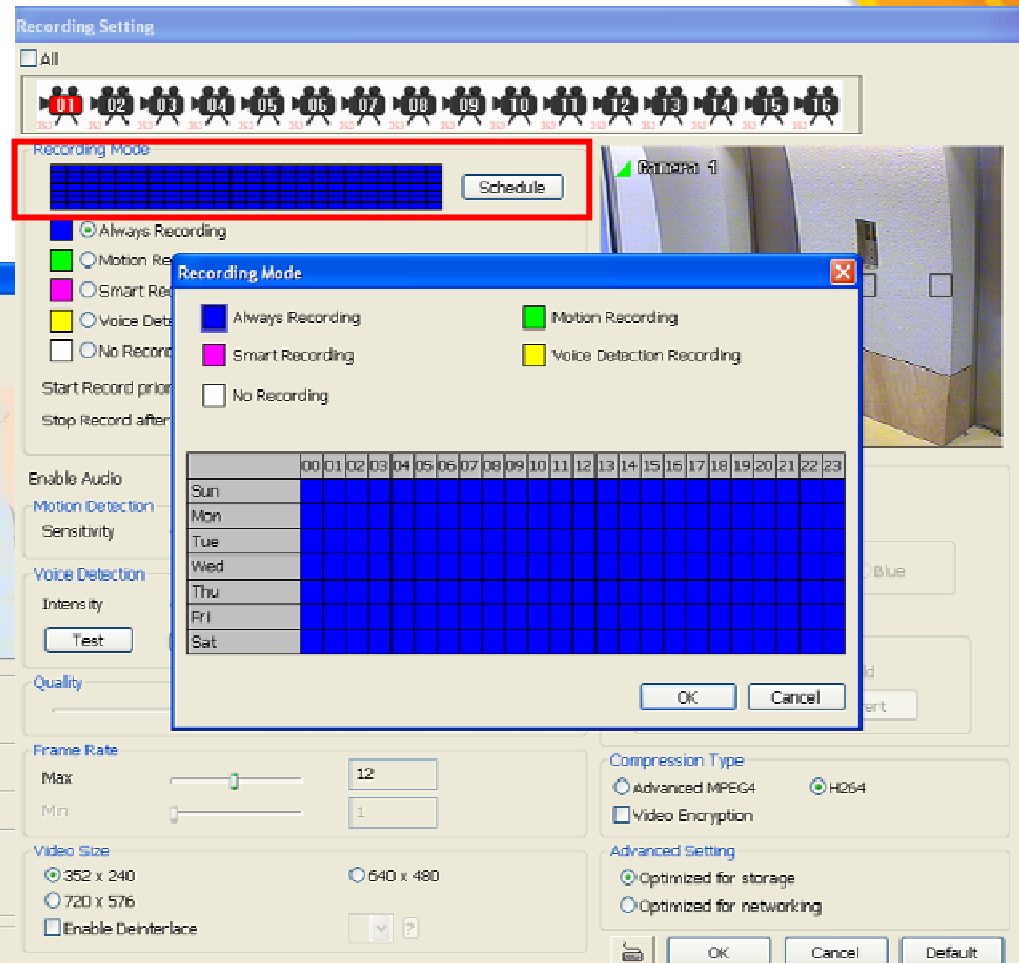
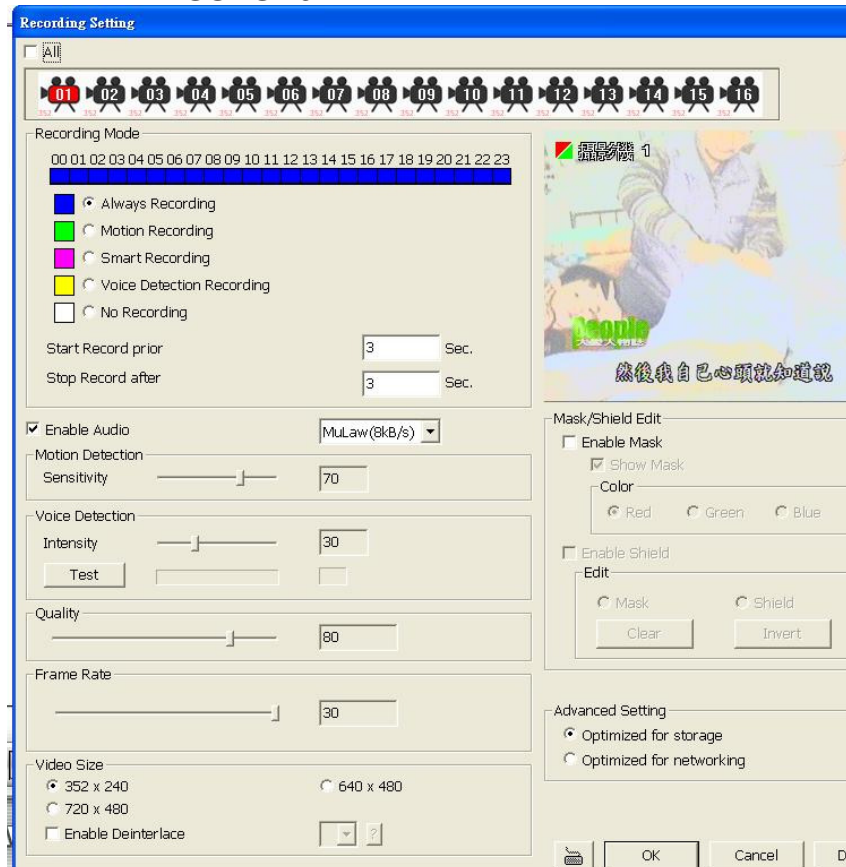
- Enable
- Vendor: _____
- Model: _____
- Capacity: _____
- Shutdown when capacity below: 50 %

OK Cancel Default



Different Recording Mode by Weekday and Weekend

- Setup different recording mode from 24 to 24x7
 - Advantage: separate recording mode from week day and weekend



H264 Enhancement and Encryption

- Support H.264 under full spectrum
- Encryption feature is available on both MPEG4 and H.264

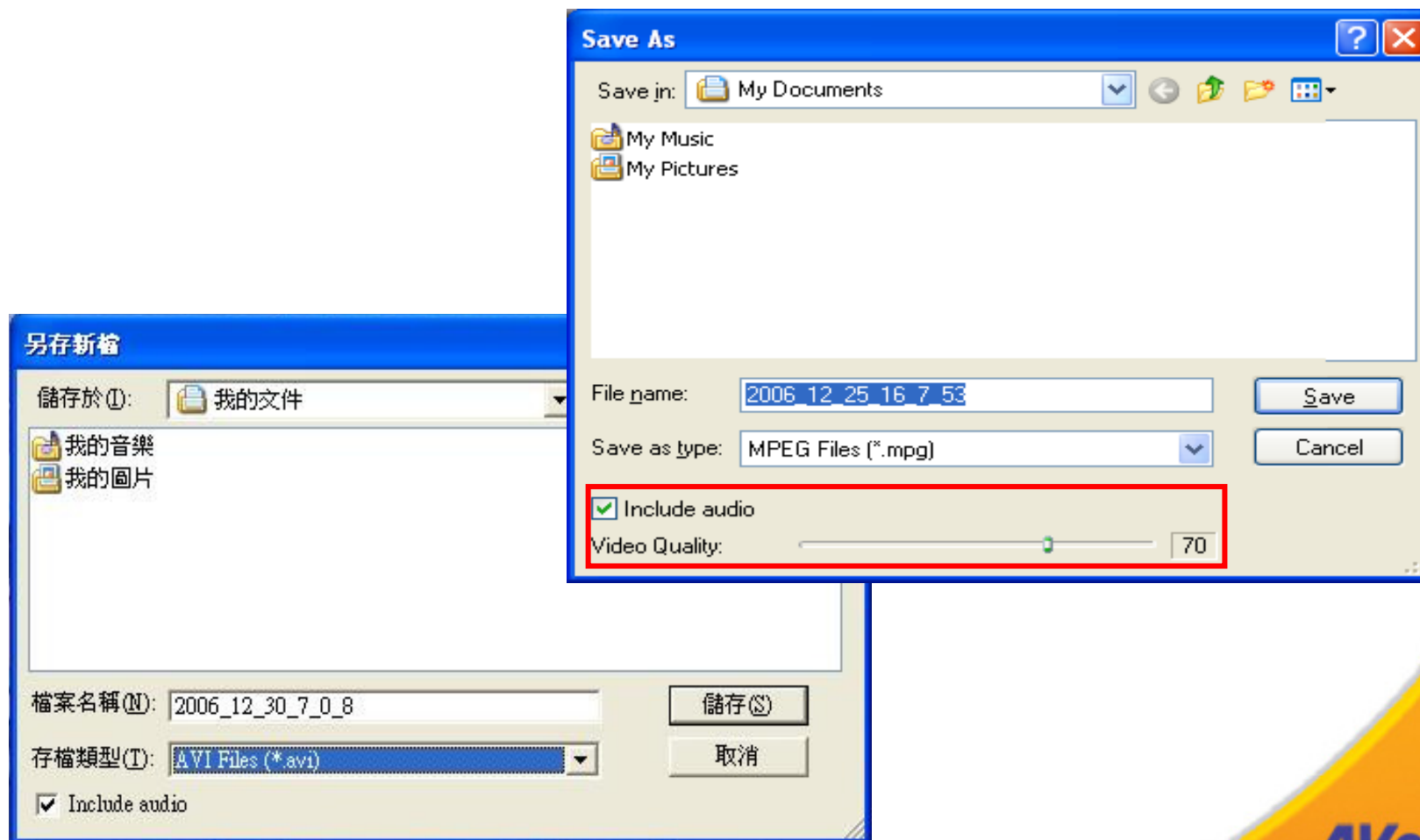
The screenshot displays the 'Recording Setting' window of the AVerMedia software. The interface is divided into several sections:

- Recording Mode:** Includes options for 'Always Recording', 'Motion Recording', 'Smart Recording', 'Voice Detection Recording', and 'No Recording'. It also features 'Start Record prior' and 'Stop Record after' time settings.
- Mask/Shield Edit:** Contains checkboxes for 'Enable Mask' and 'Enable Shield', along with color selection (Red, Green, Blue) and 'Clear'/'Invert' buttons.
- Advanced Setting:** Includes 'Optimized for storage' and 'Optimized for networking' options.
- Video Encryption Dialog:** A modal window titled 'Video Encryption' is open, prompting for a password and confirmation. It includes a warning: 'Warning: Kindly note down your password. It is not possible to decode video stream without valid password. Password once lost cannot be recovered.' The 'OK' and 'Cancel' buttons are visible at the bottom.
- Compression Type:** Located in the bottom right, this section is highlighted with a red box. It shows 'Advanced MPEG4' and 'H264' radio buttons, with 'H264' selected. Below it, the 'Video Encryption' checkbox is checked.

The background shows a video preview window with a scene of a person in a hospital bed, overlaid with a green 'AVerMedia' watermark and the text '然後我自己心頭就知道說'.

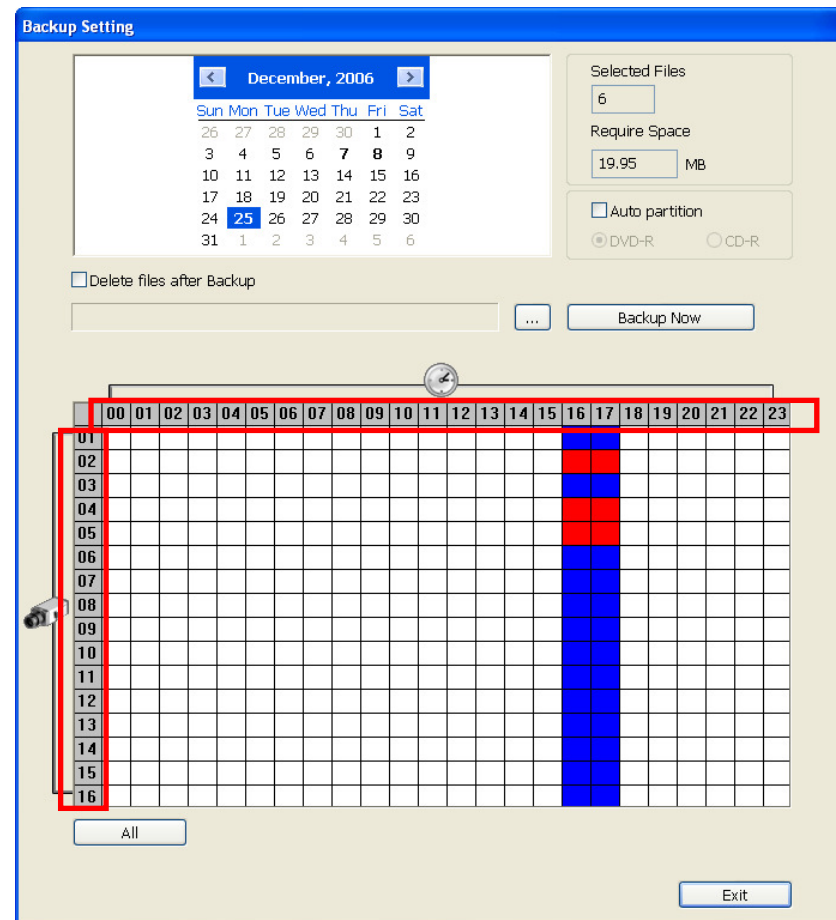
AVI Converter

- Select Video Quality
 - Adjust the quality when output clips from playback



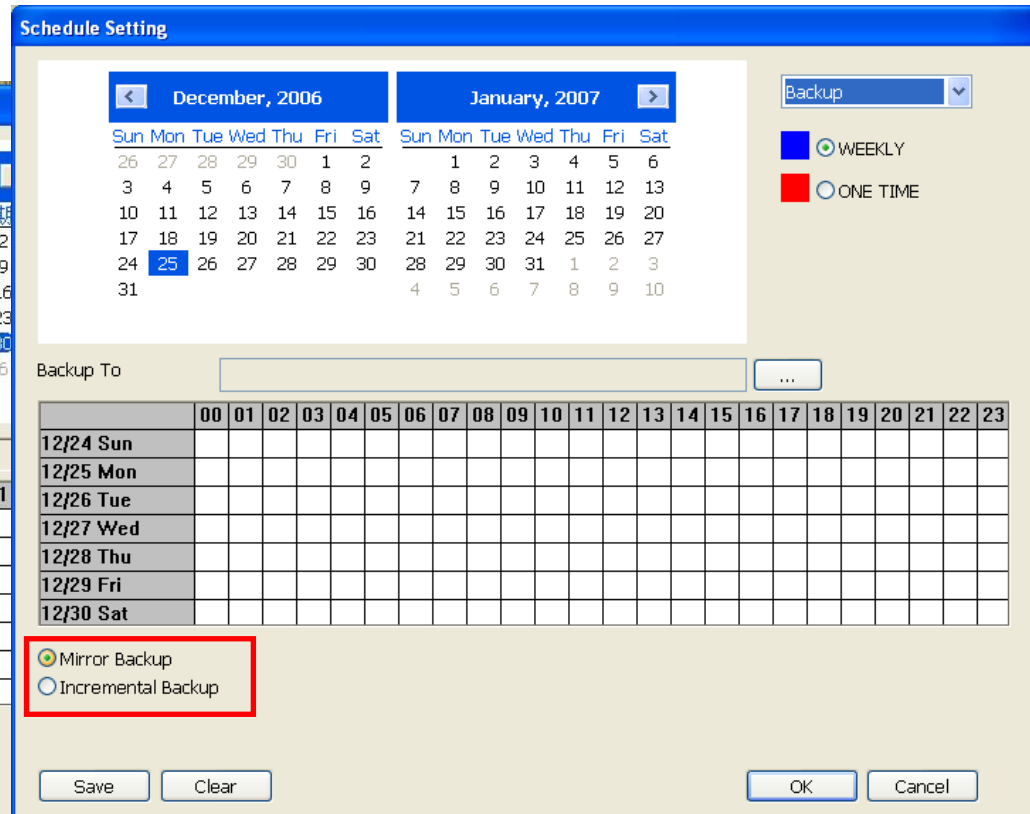
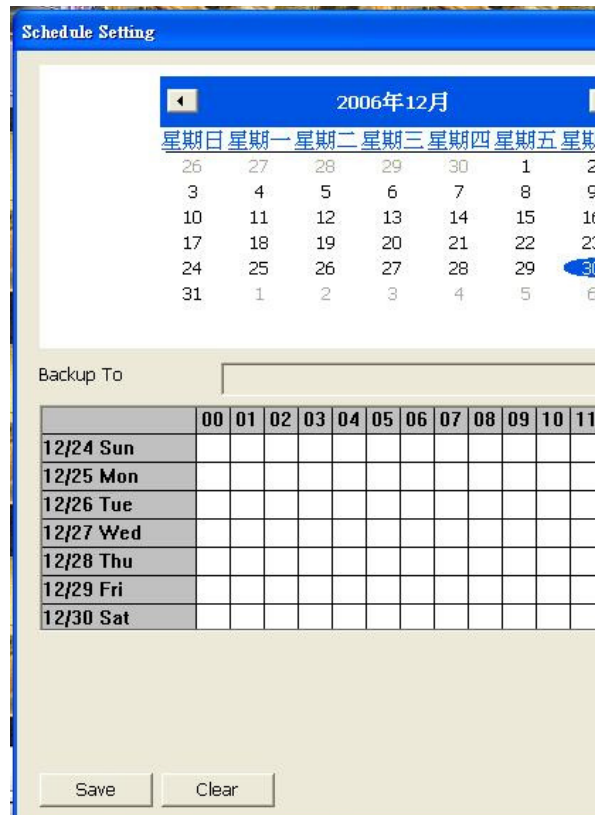
Quick Selection on Backup File

- Click hour to select all camera
- Click camera to have all day data



Schedule Backup for Two Scenario

- Mirror Backup
target folder and DVR event data are exactly same
- Incremental Backup:
Store all files that have changed since the last backup



Java Viewer

- Requirement: Symbian Smart Phone or Other Smart Phone with JAVA 2.0 Support
 - Live Video
 - PTZ control

