Remote Viewer

Operation Manual

Evervision Co., Ltd.

E-Mail: Evervision@evervision.co.kr

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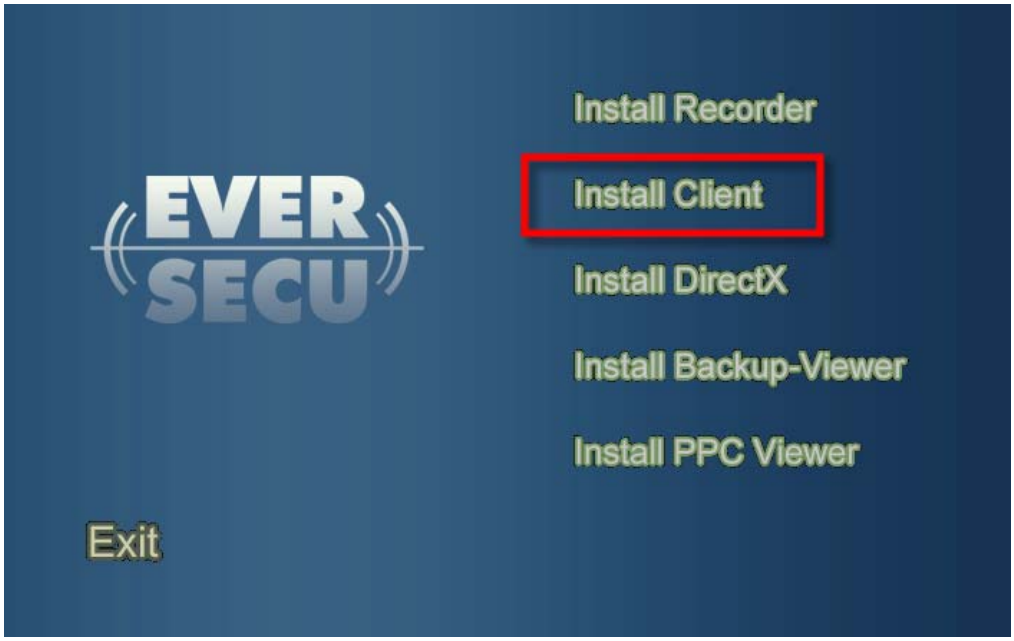
Remote Viewer

Remote Viewer Install

1 Installation of EverSecu Client Program

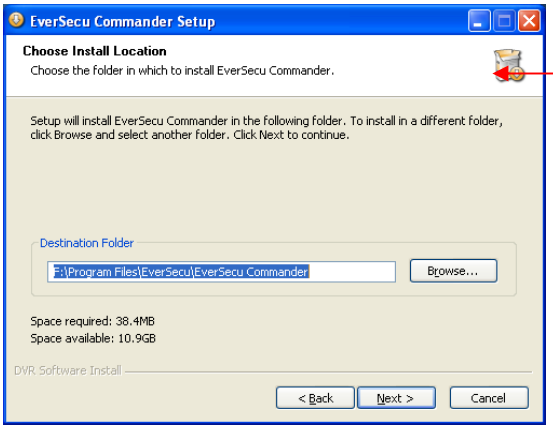
1) Insert the Installation CD of **EverSecu** Program to CD-ROM.

2) Click ‘Install Client’ on the Installation Program Manu.

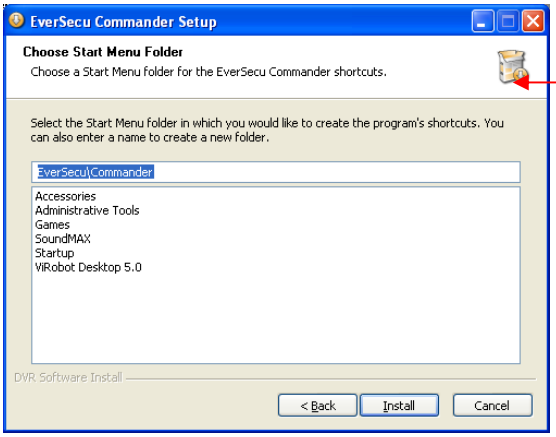


Select the language of the program to be installed.

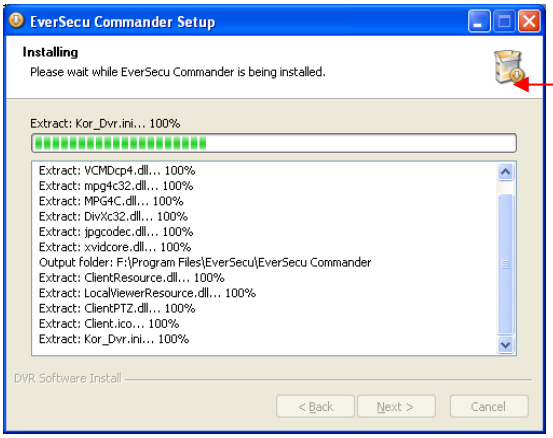
Start installation



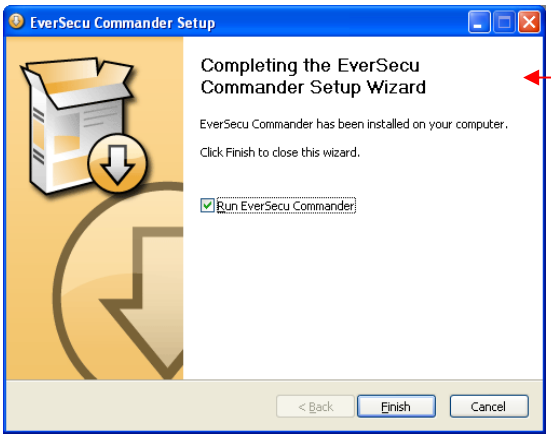
Select program installation path



Designate in the program folder of the Start menu a folder in which EVERSECU Commander execution icon can be registered.

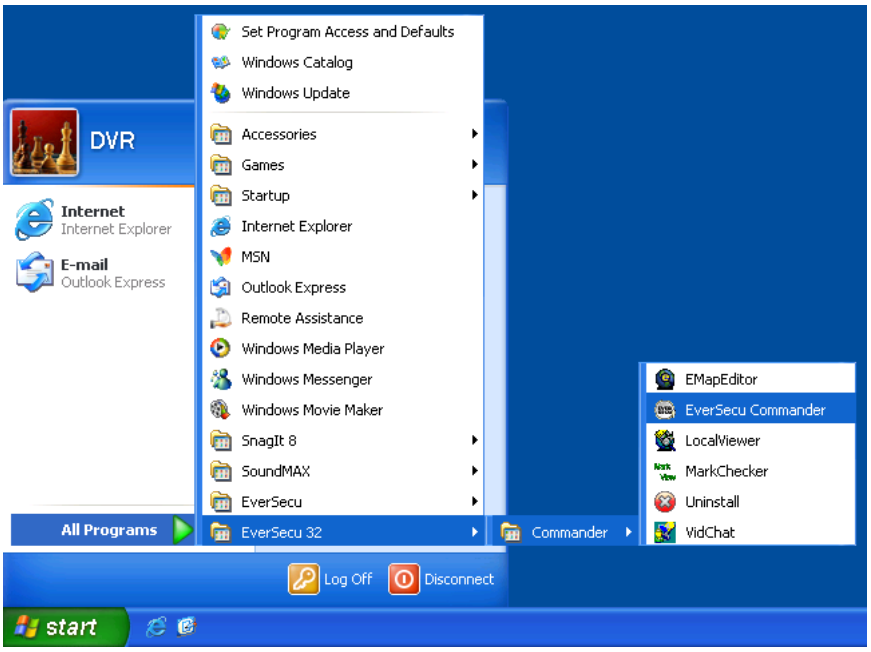


The program is installed.



The program installation is completed successfully. If the 'Finish' button is clicked, the program installation is

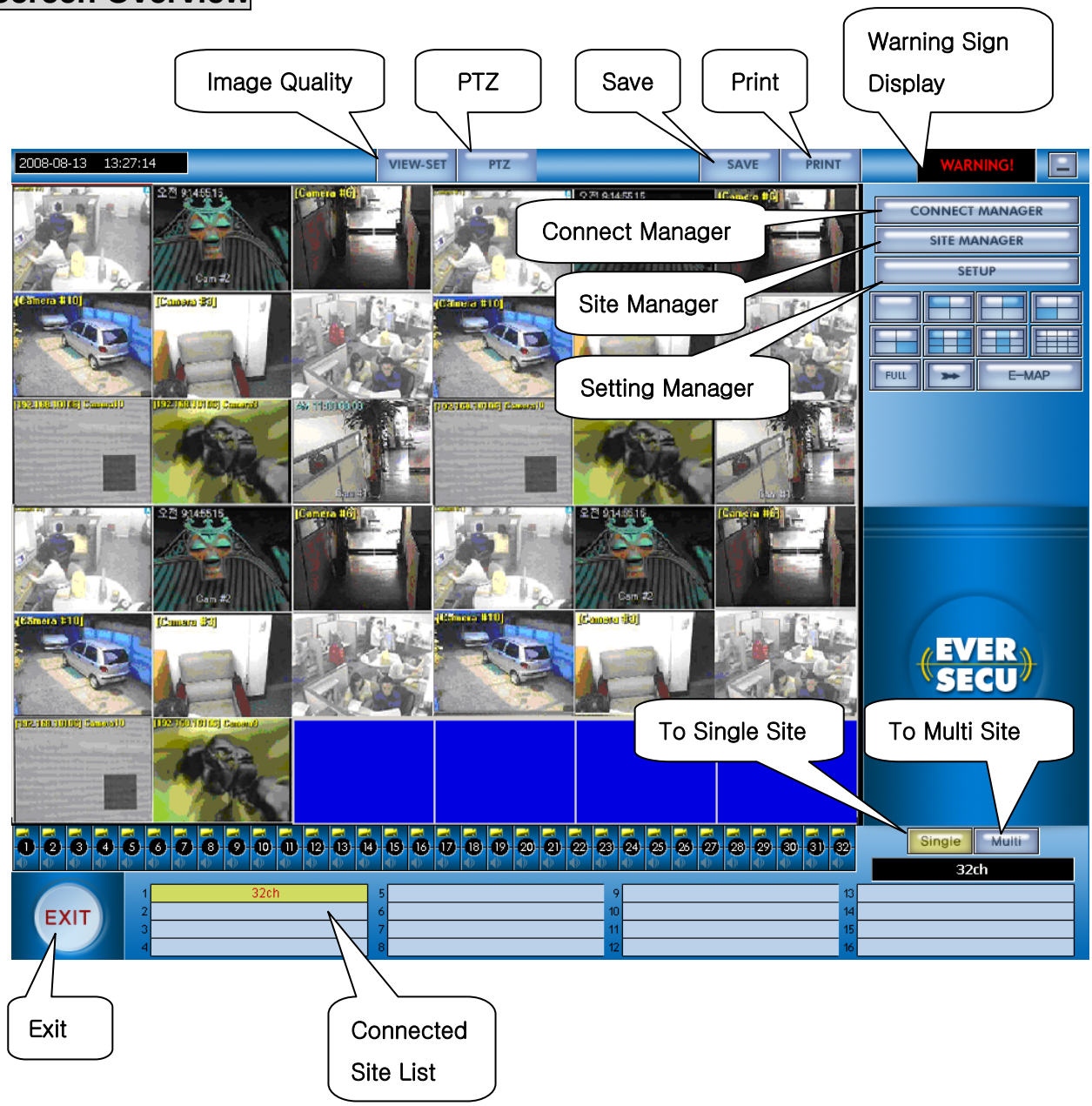
3) In order to reexecute after the program close, click twice the below icon on the bottom screen or click the icon of the registered EverSecu Commander 5.5 in Start Menu.

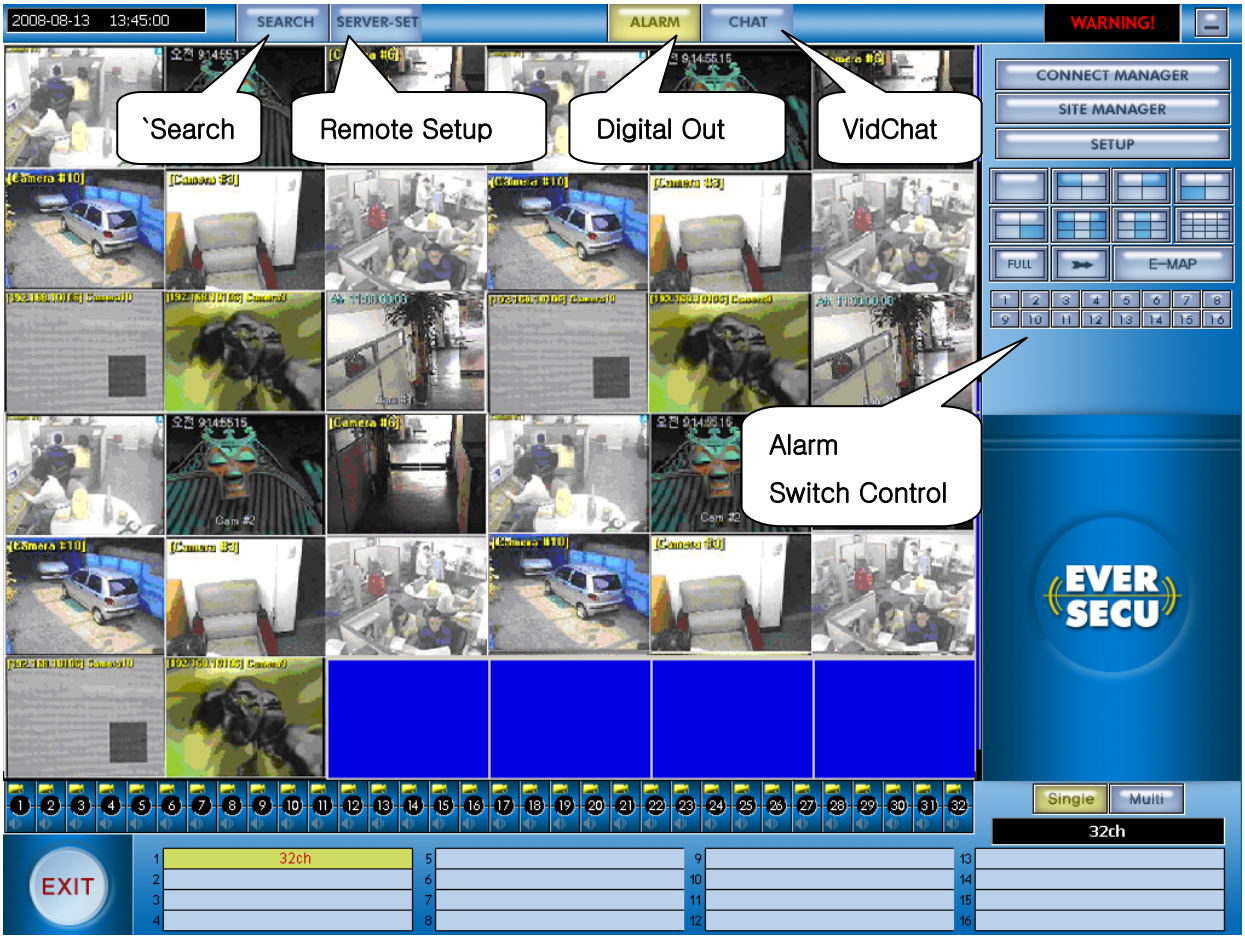


2. Removal of EverSecu Client program

1) If you execute the removal file of EverSecu Recorder registered on the programs of start Menu, the installed program will be removed.

Screen Overview

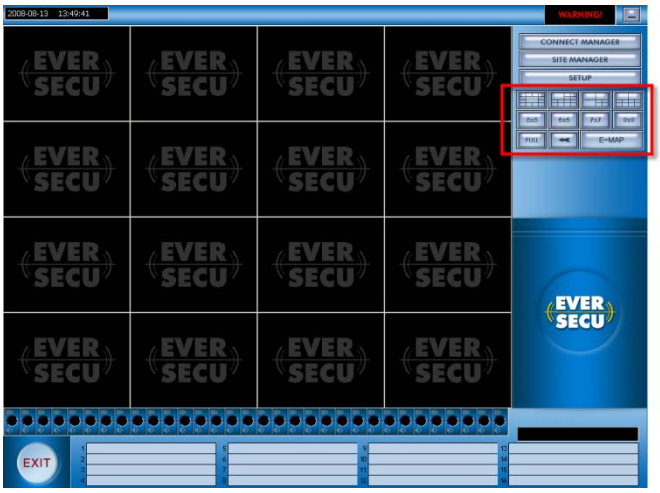



2008-08-13 13:45:00
SEARCH
SERVER-SET
ALARM
CHAT
WARNING!
`Search
Remote Setup
Digital Out
VidChat
CONNECT MANAGER
SITE MANAGER
SETUP
FULL
E-MAP
Alarm
Switch Control
EVER SECU
Single
Multi
32ch
EXIT

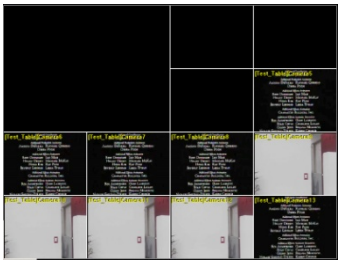
Extended screen division (7, 10, 13, 5x5, 6x6, 7x7, 8x8)

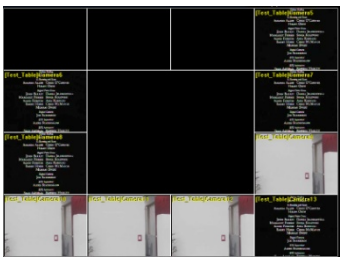
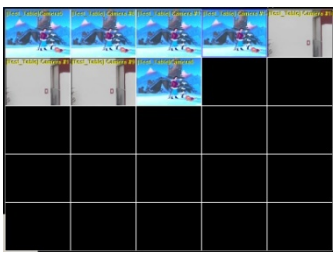
Add 8 more custom screen divisions.

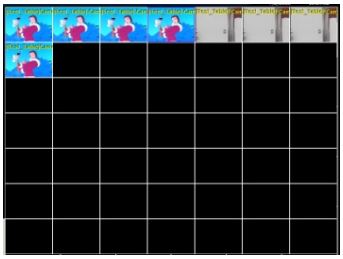
If you Click button for changing screen division to extend.



Example of screen division





Relocate split screen by mouse dragging

By mouse dragging, you can move the image screen at the location that you want...

As like below pictures, if you drag channel 1 to channel 7's position for replacing position, the position of Screen will be changed with each other

Also if channel1 is dragged to channel 7, channel 1 is changed position with channel 5.

It's useful for relocation channels by frequency, camera position, etc.

Registration Site information

For Viewing Recorder's image on Remote Viewer, you must register the site information.

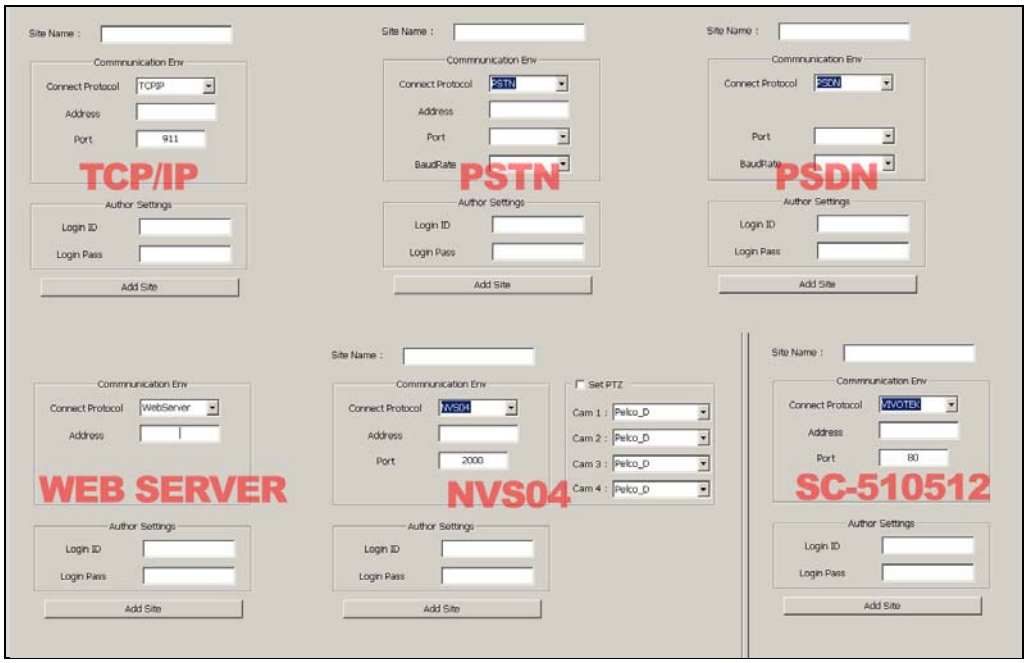
- Press the **"Site Manager"** button.
- Choose a site name then enter the name into site manager.
- Select the connect media.
- In case TCP/IP: Key in the IP address and IP port (Default 911) number.

  if Recorder has dynamic IP and you registered "**for using Dynamic IP**" on Recorder, you can connect the Recorder using the registered name.

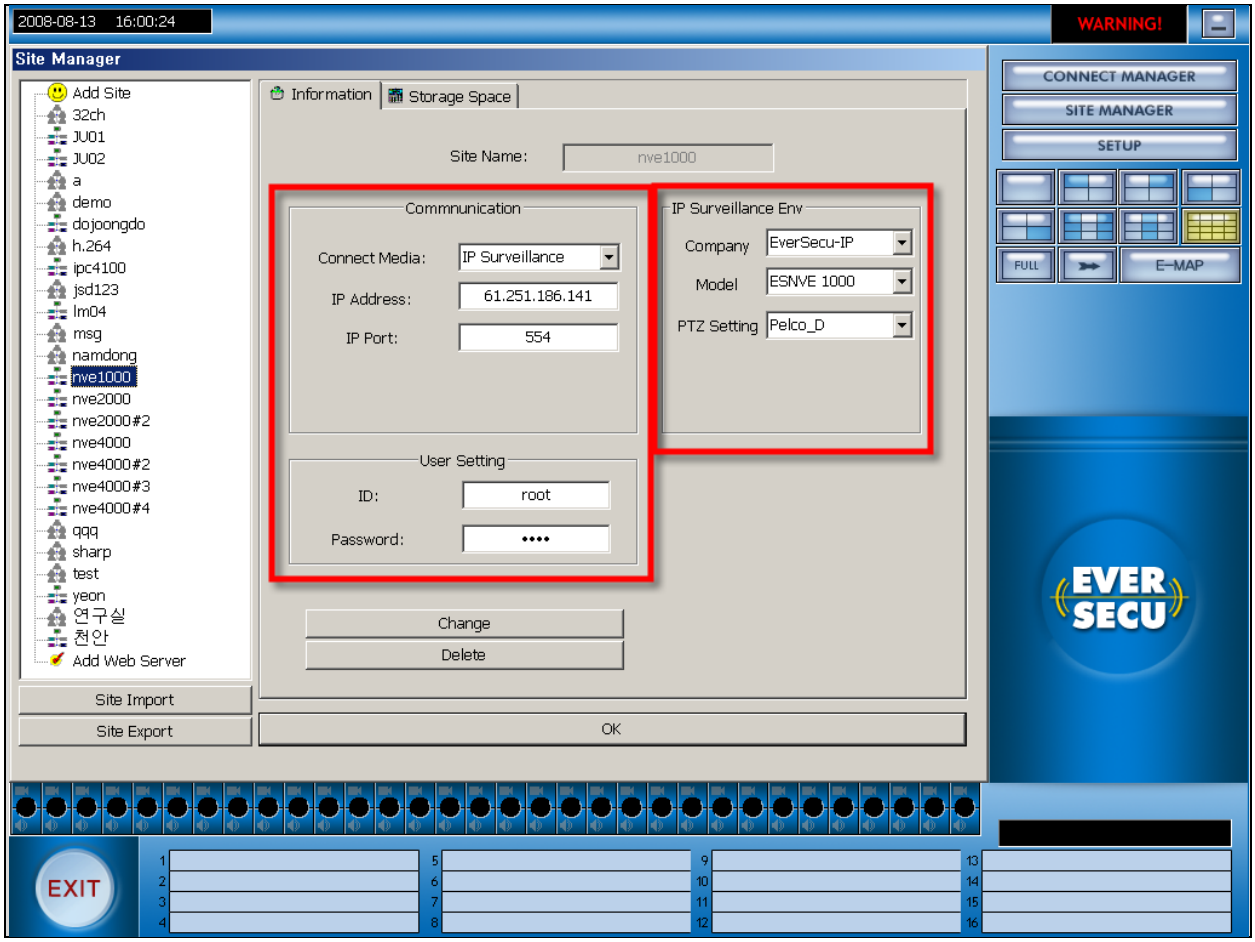
  Instead of IP address, set domain address [ex: ddnsdvr.net] which is use the DVR's registered machine name[ex: testdvr] to host name.

  Ex) testdvr.ddnsdvr.net
- In case Leased Line: Key in communication port and Baud rate.
- In case PSTN: Tel NO, Communication port, Modem speed.
- In case Web Server: client is able to connect Recorder by getting information from Web Server
- Key in "ID" and "Password".(Registered in "User Add" of **setup** program.)

If you want to key in the ID and Password whenever you use as security, cancel to check in check box, and do not need to key in the ID and Password. But, In case connection method are "Web Server," mean not ID, Password in DVR recorder but ID and Password as same as Web Server (61.251.186.141).



- In case of LM900/LM1600 (9Ch/16Ch Stand Alone), you can register like below.



- Communication

Connect Media: IP Surveillance

IP Address: Resister IP Address

Com Port: Port Number.

- IP Camera, ESNVE

Company: EverSecu-IP

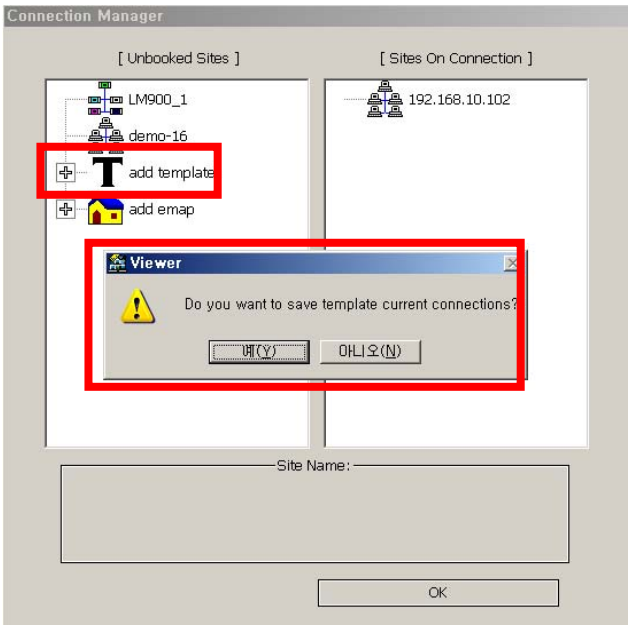
Model: IPCxxxx or ESNVExxxx

Template manager

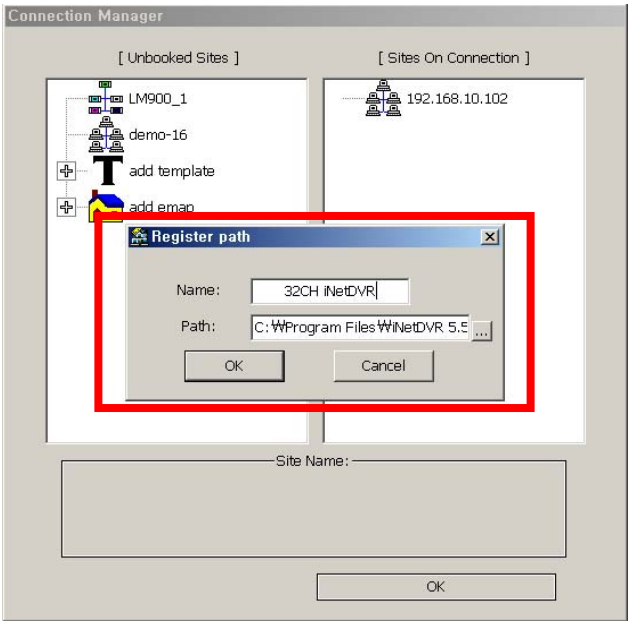
Template manager is very useful for user who operate remote viewer with several sites daily.

By single click as like for connecting a single site, you can connect several sites automatically.

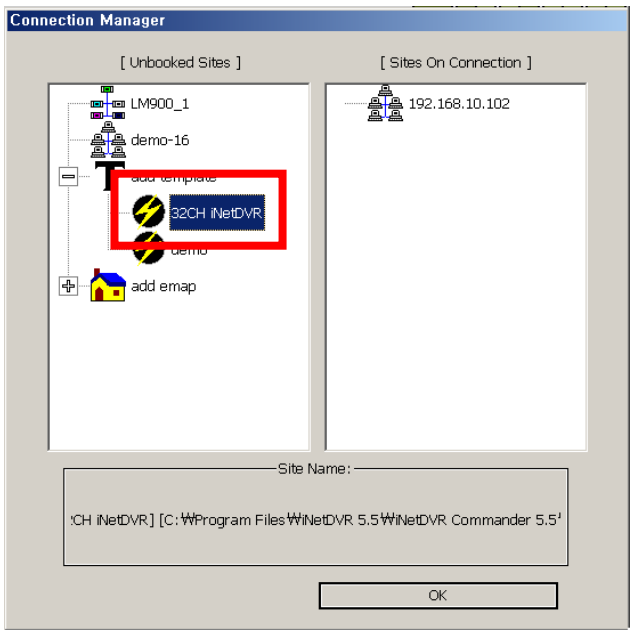
1. Open the “Connect Manager” and double click the “add template” after connect sites. Click “Yes”



2. Register name and path



2, open connect manager and click Templete site which name is saved as like connecting other site.



3. Connect and show with condition when you saved as same as the sites, camera channels and screen division

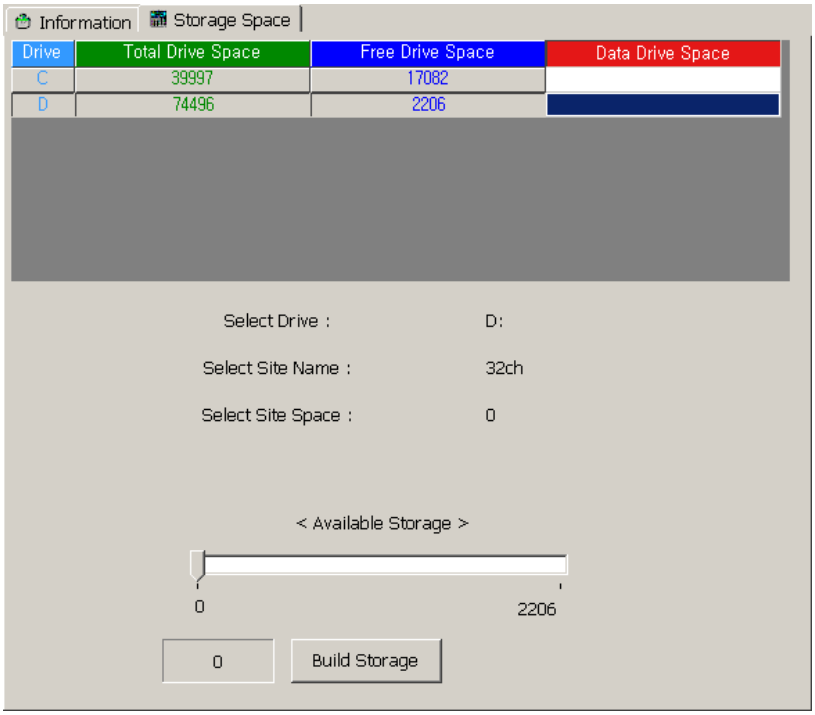
Storage Space Info

Client's Recording data has different System to Recorder, so each Site needs own storage Space. Also each DVR server needs their own storage space, and a hard disk driver is possible to get a server's storage space.

For example, if your computer has five hard disks driver, your computer is able to record data from five DVR Severs maximally.
Recording Data from A DVR server needs a hard disk driver for storage space.

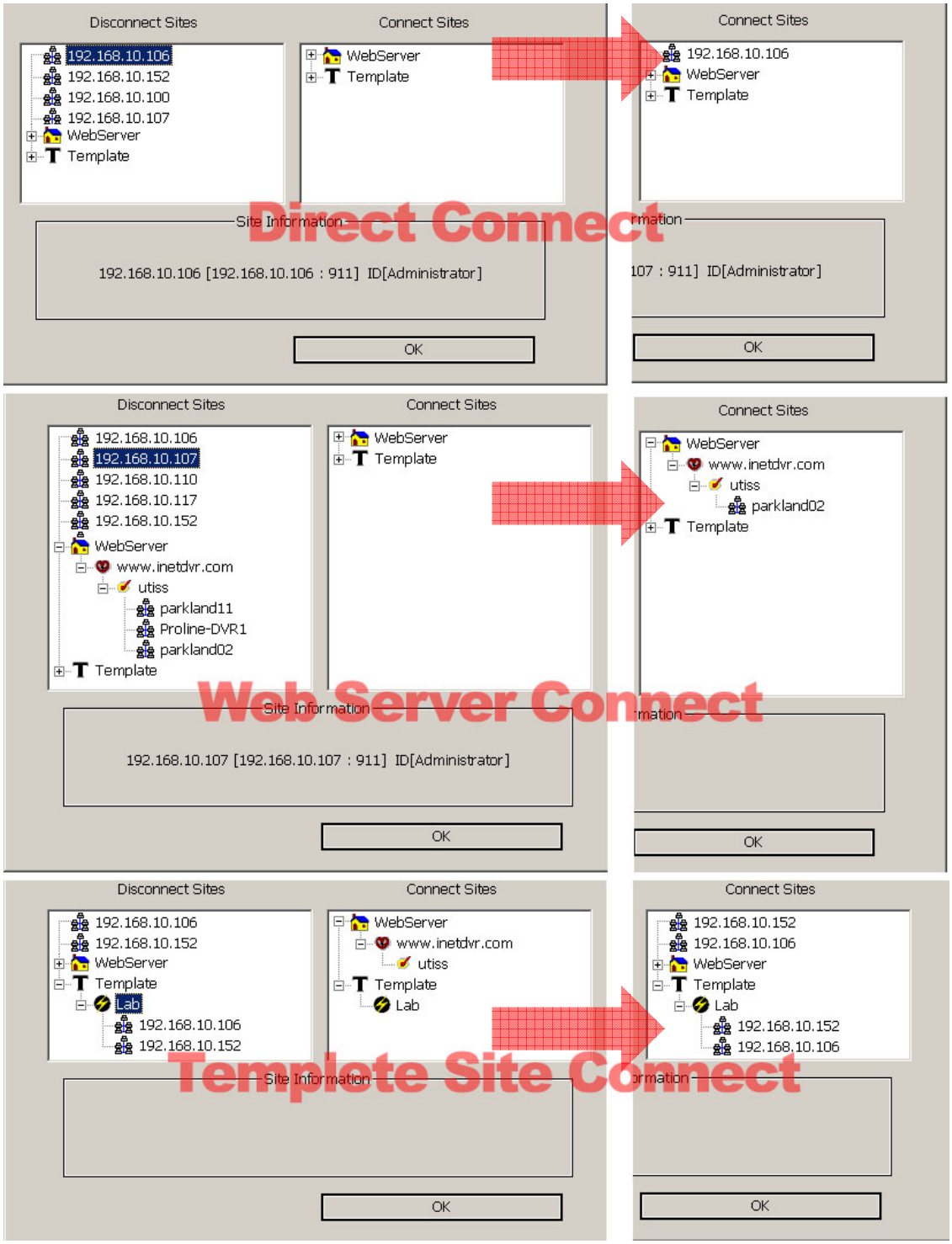
If you selected "**storage space**" tab in "**Site manager**," this picture shows up.
It's about Storage Space information of Client computer.

1. Select a DVR server as like below picture.
2. When you selected a sever, hard disk driver's information is displayed
3. select a hard disk driver, set storage space by slide bar and click "**Build Storage**"



Connect Site

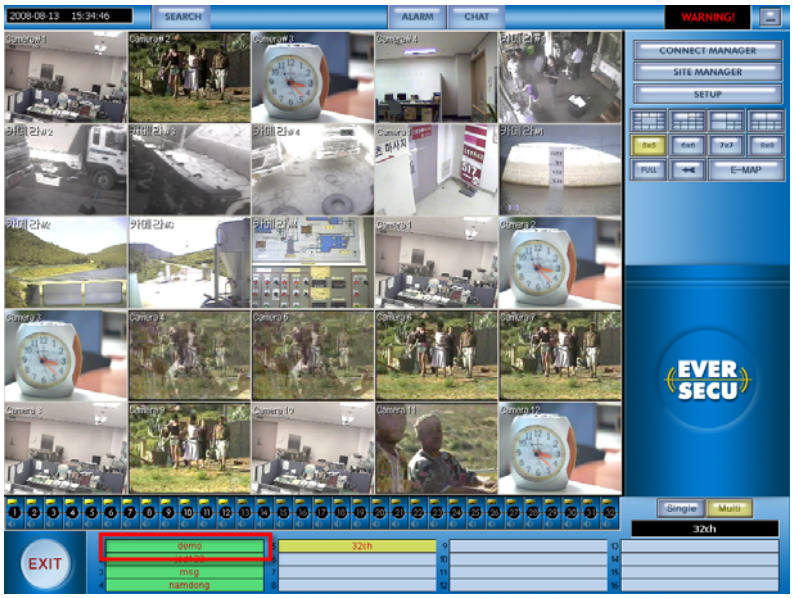
The registered sites come out at “Unbooked Sites,” double click the site that you want to connect, and if it’s connected with the site, come out the site name at “Sites on connection.” And press “OK” button, disappear the pop-up window, come out the connected sites at upper right side.



Monitoring Live image

The Monitoring Live image feature supports two types. One is the monitoring of a live image of selected cameras at all sites, the other is the monitoring of a live image of all cameras at a particular site.

Monitoring the selected cameras at all sites : After connecting to a site, a list of cameras connected will displayed. Click camera button that you want to display the live image.



If you wanted to see cameras at another site, click the site. If you wanted to get the audio data, click the “audio” button corresponding to camera.

Monitoring all cameras at a single site: Click the “Single Site” button, display the images of Cameras connected. When you want to see the other site, press the arrow key below.

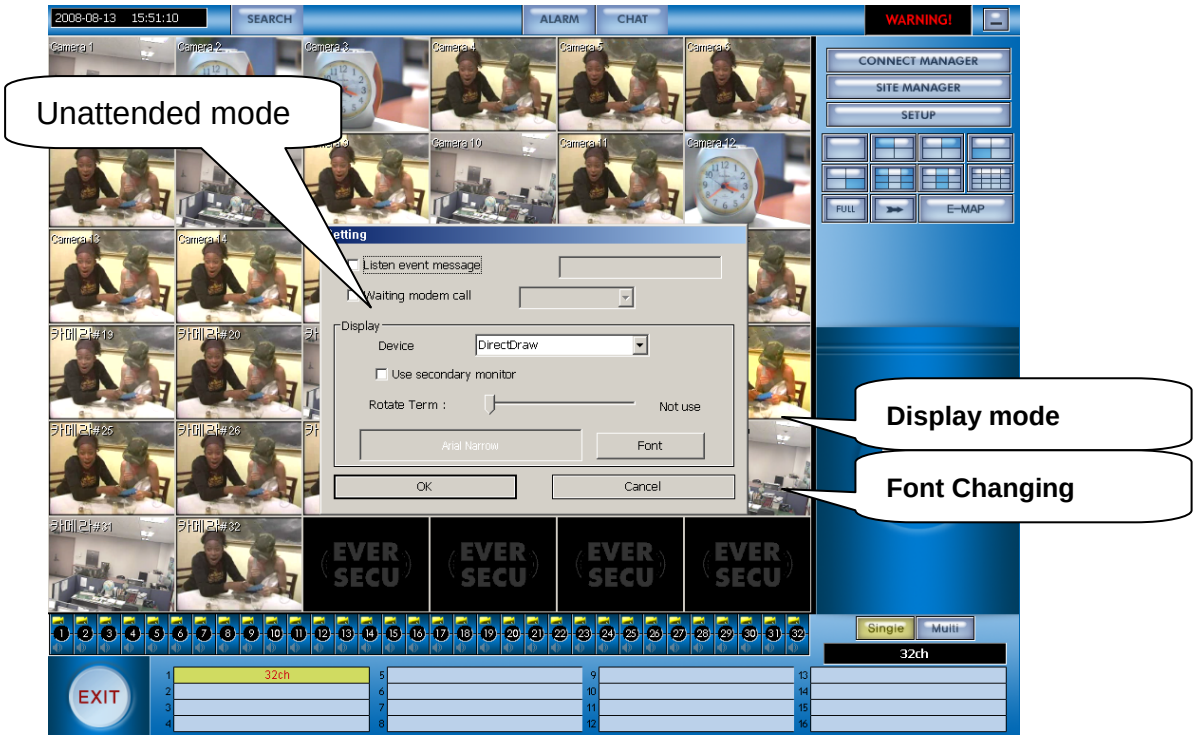
The logging files of connection status

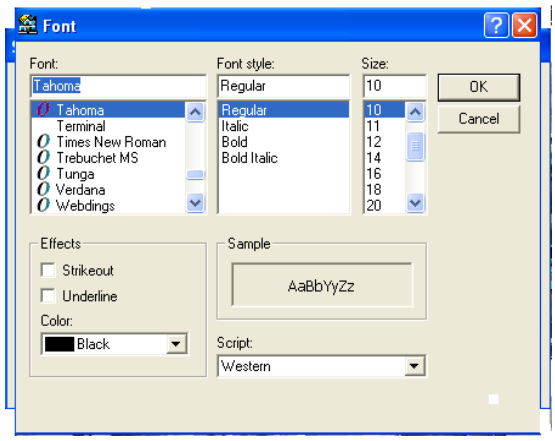
Push the F9 Key, display the status of connection.

Setting Manager

"Setting Manager," is used for unattended mode settings for all communications.

-Unattended mode: if Alarm occurred from registered Site, Site is connected automatically by unattended mode for warning signal.





If you want to change the font, use this function.

Viewer Performance

This is for not only controlling communication speed, but also controlling CPU usage.

"Highest" is default value and it means basic communication

if you set viewer performance to lower state, Viewer's CPU usage is getting low.

Selecting the channel and the layout of channel

If you select a channel which has an image, functional buttons (control PTZ, Recording, Print, canceling the image's transmit, control the image quality) are enable to work.

Control PTZ (Pan Tilt Zoom)

The PTZ control function is activated only for authorized users. This function is activated for authorized ID users only.

Setting up the image quality to be transmitted

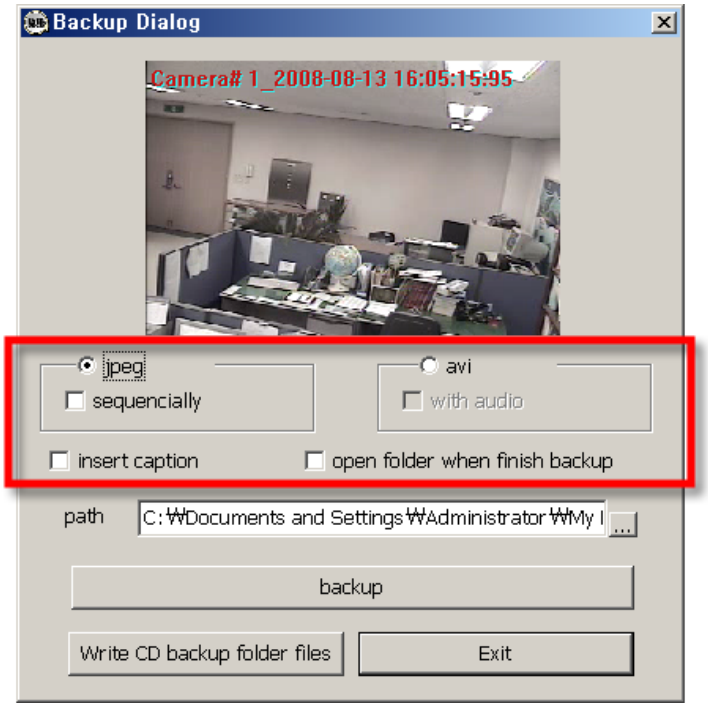
You can set up the image quality.

Transmitted Image count per second is changed by setting of the image quality.

Cause higher Quality Image is bigger size of Data.

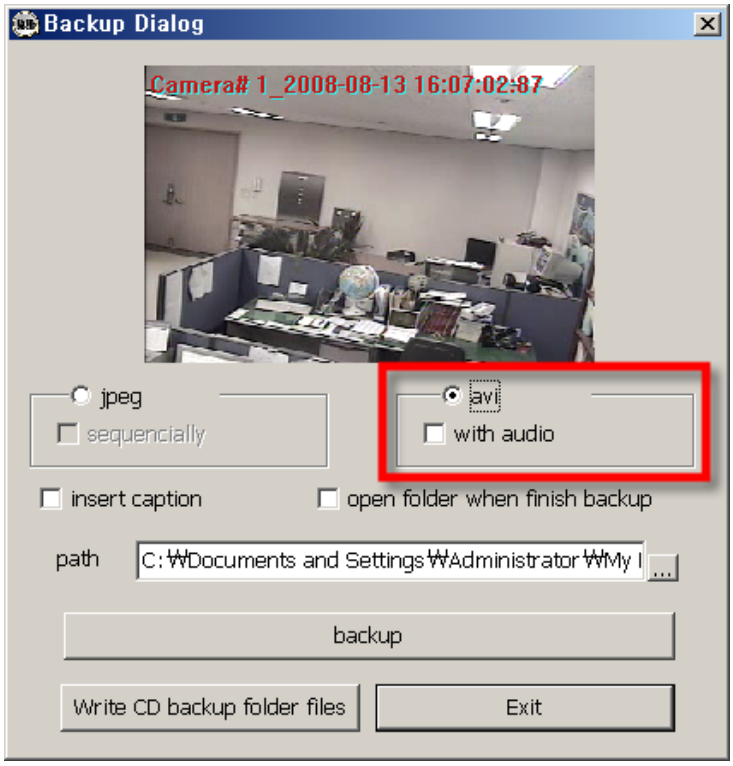
Save the transmitted image

If you wanted to save an image which you selected a channel, click **"Save"** Button, then you could see the window to save jpg and save avi.

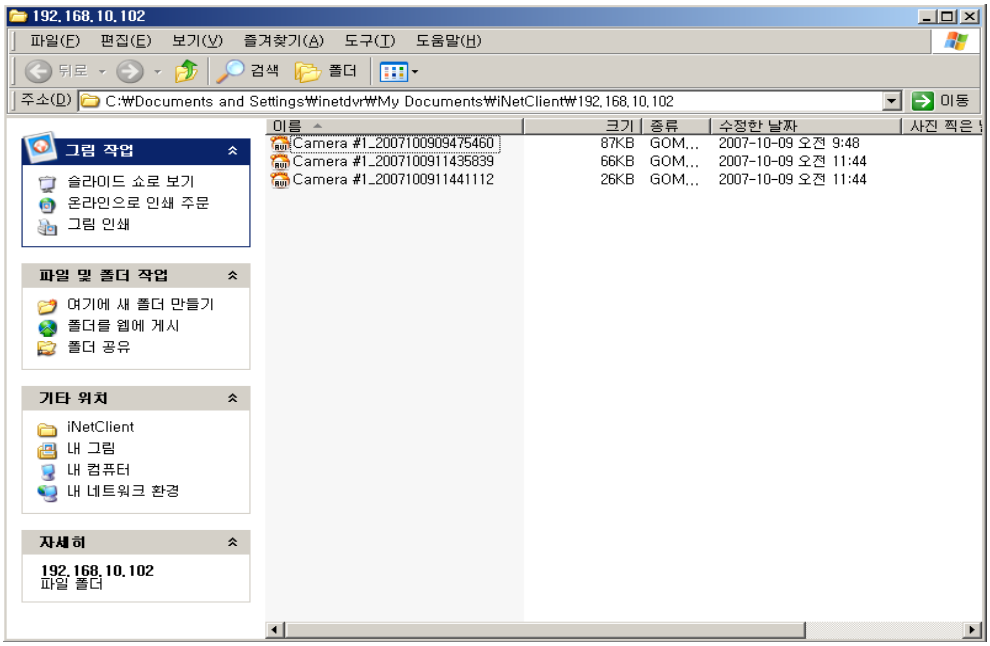


If you select "jpg," this window popped up you can save jpg file.

and if you select "AVI," the selected channel should have "avi save" on screen as like below picture.



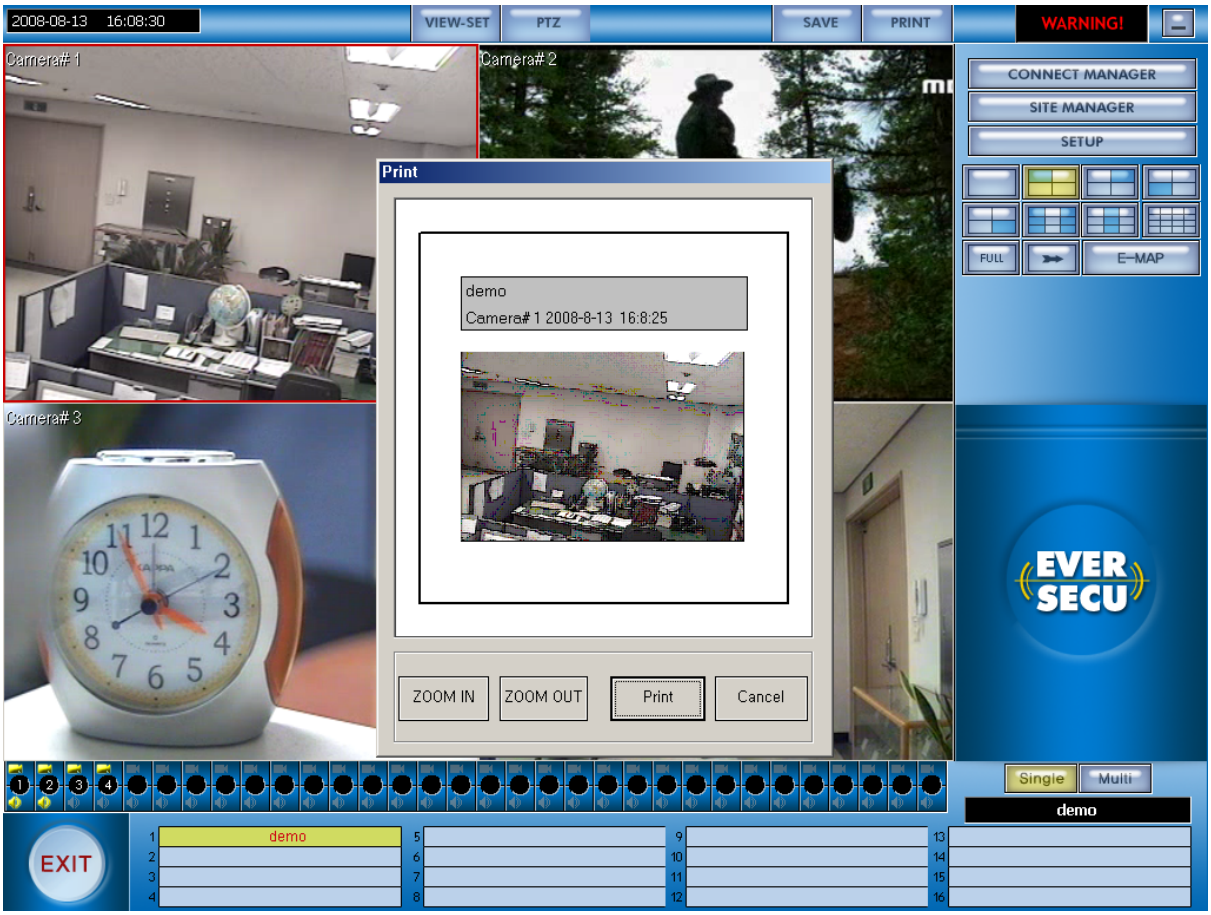
if you wanted to finish “AVI Save”, click “backup” again.
the saved file is placed on a folder which is “Documents and Settings”.



If the site name or camera name do not supported a language in Client program (For example: Local DVR: Chinese, Client: English), this may cause an identification problem. You may need to change camera name, etc.

Print out the transmitted image

You can print out the transmitted image.



Selection the site and the layout of channel

Clicking “site name ” you want on the connected sites list, it is enable to click **“Camera button, Audio button ,Remote Setup”, “Digital I/O”** and etc. The activation of button is different according to the authority of ID.

Digital-Out Switch

It’s come out when user who has authority about setup.

Control the Digital-out switch on server (DVR).

VidChat

Pressing this button, cone out the icon “Voice Communication” in tray, if connection Is success, the icon is blinking. If connection is failure, come out an error message. It’s based on H232 Protocol, so if you used vidchat under router or firewall, you might ask it to your network manager to use [ref H232 protocol].

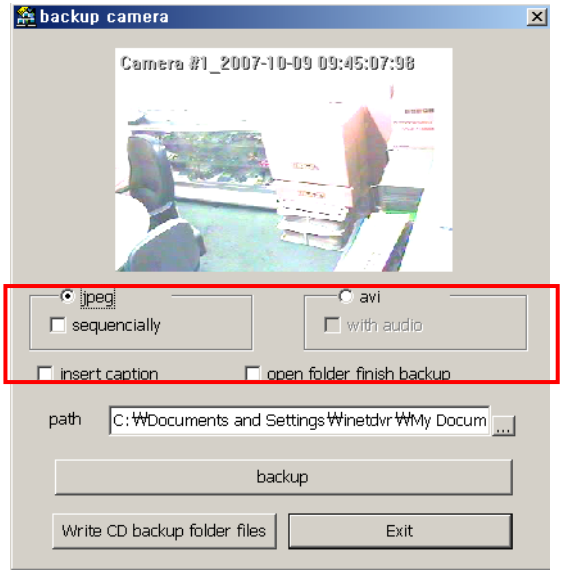
Remote Search

As same as Digital out Switch, It’s come out when the User has authority about search.

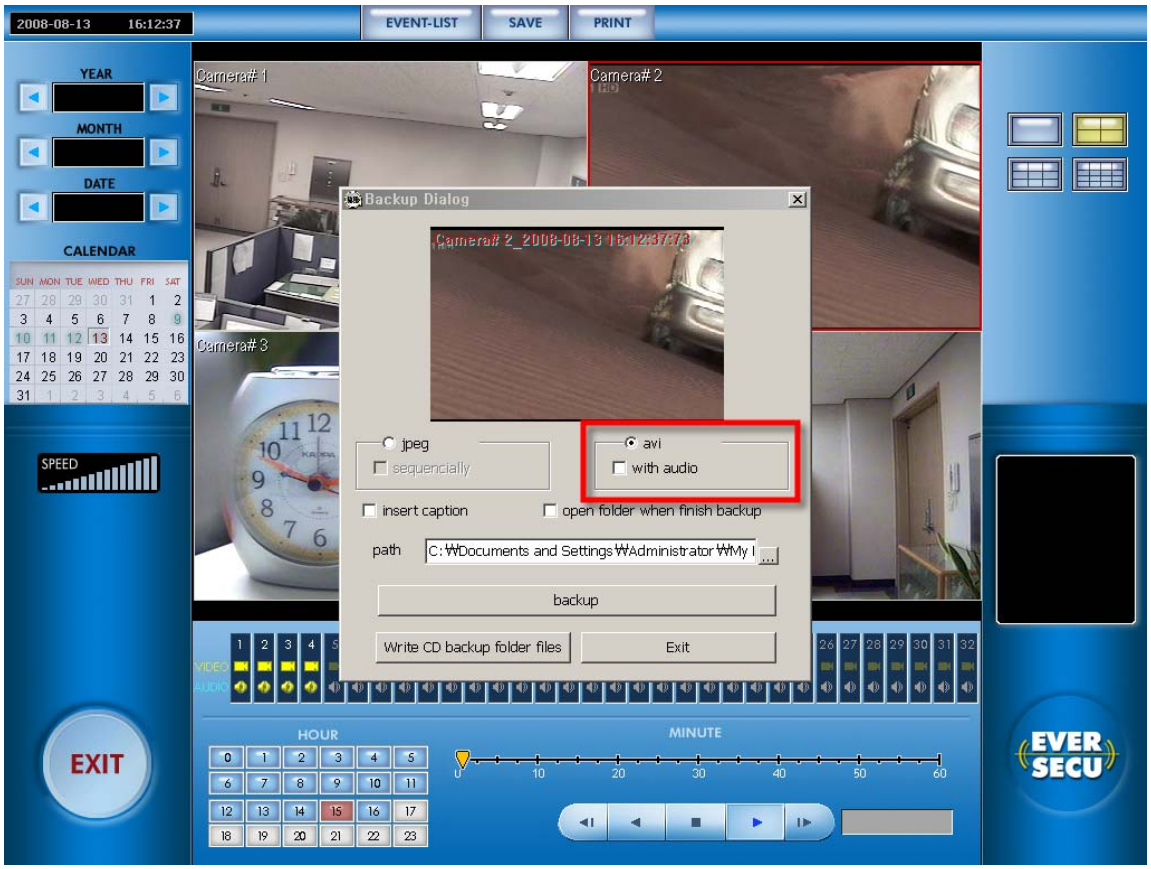
Selecting the channel that you want, come out the date (the color become changes in the calendar that is recorded, and select the date, come out the time interval of that date. Selecting the time, it is activated the slider-bar and the button of retrieval, and can start to retrieval it. It works as same as Search on server (DVR).

Save the transmitted image on remote search

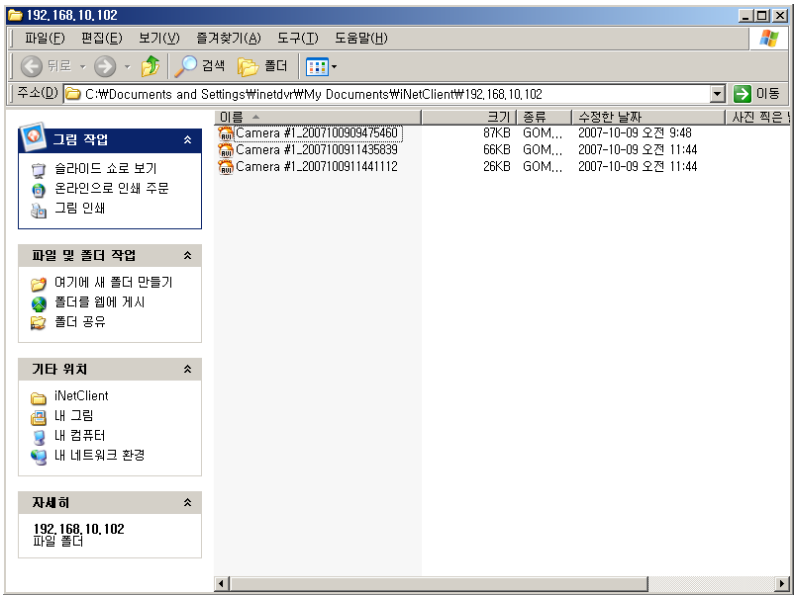
If you wanted to save an image which you selected a channel, click **"Save"** Button, then you could see the window to save jpg and save avi.



If you select “jpg,” this window popped up you can save jpg file.
and if you select “AVI” the selected channel should have “avi save” on screen as like below picture.



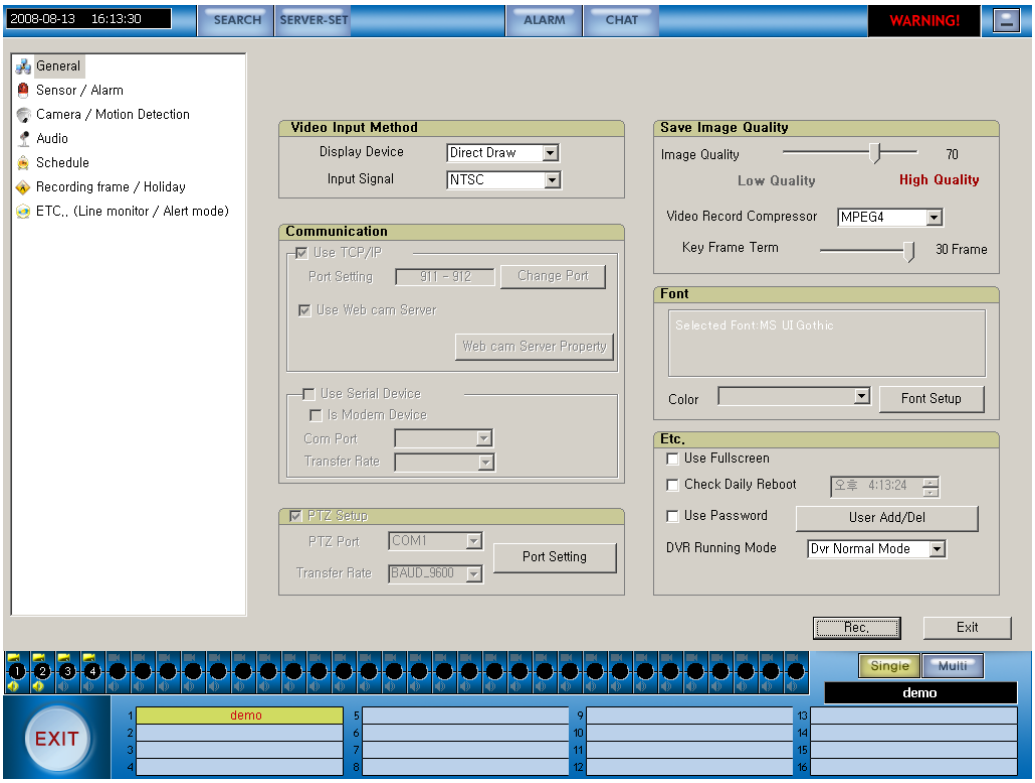
if you wanted to finish “AVI Save”, click “save” and select “avi save”.
the saved file is placed on a folder which is “Documents and Settings”.



If the site name or camera name do not supported a language in Client program (For example: Local DVR: Chinese, Client: English), this may cause an identification problem. You may need to change camera name, etc.

Remote Control

You can modify the information of setup in remote site. This operation is as same as DVR's. Press the button "OK," the server (DVR) restart, automatically reconnect.



Instant Viewer

If you make Client program minimize and be hidden to tray bar,
You can see this window on middle of your monitor

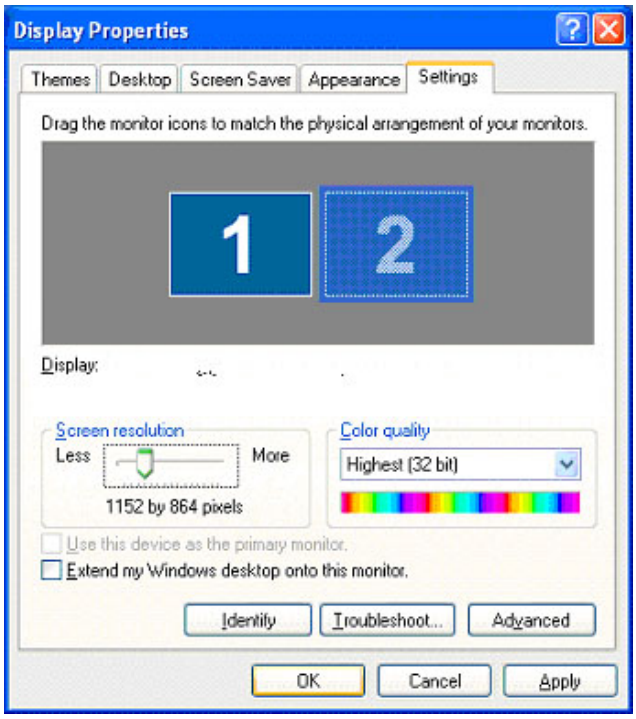
It's show images which one Client program has on screen.
If the Camera Channel is not shown on screen, the camera image will do not display on **Instant Viewer.**
For example, Client has cameras from 1 to 8, and display 1 to 4 channel.
If you minimize client program, instant viewer will display only 1 to 4 channel camera's image.

Dual Monitor

Two client applications is able to run as like picture on a computer, if your VGA graphic card supported dual monitor.

1. If you have VGA card that support dual monitor, setup using dual monitor at

Screen's property.



2. Click and run Client Icon on Screen.
3. Click minimized button to hide client.
4. Click and run Client Icon on screen again.
5. Click Client Icon on taskbar for full-screen

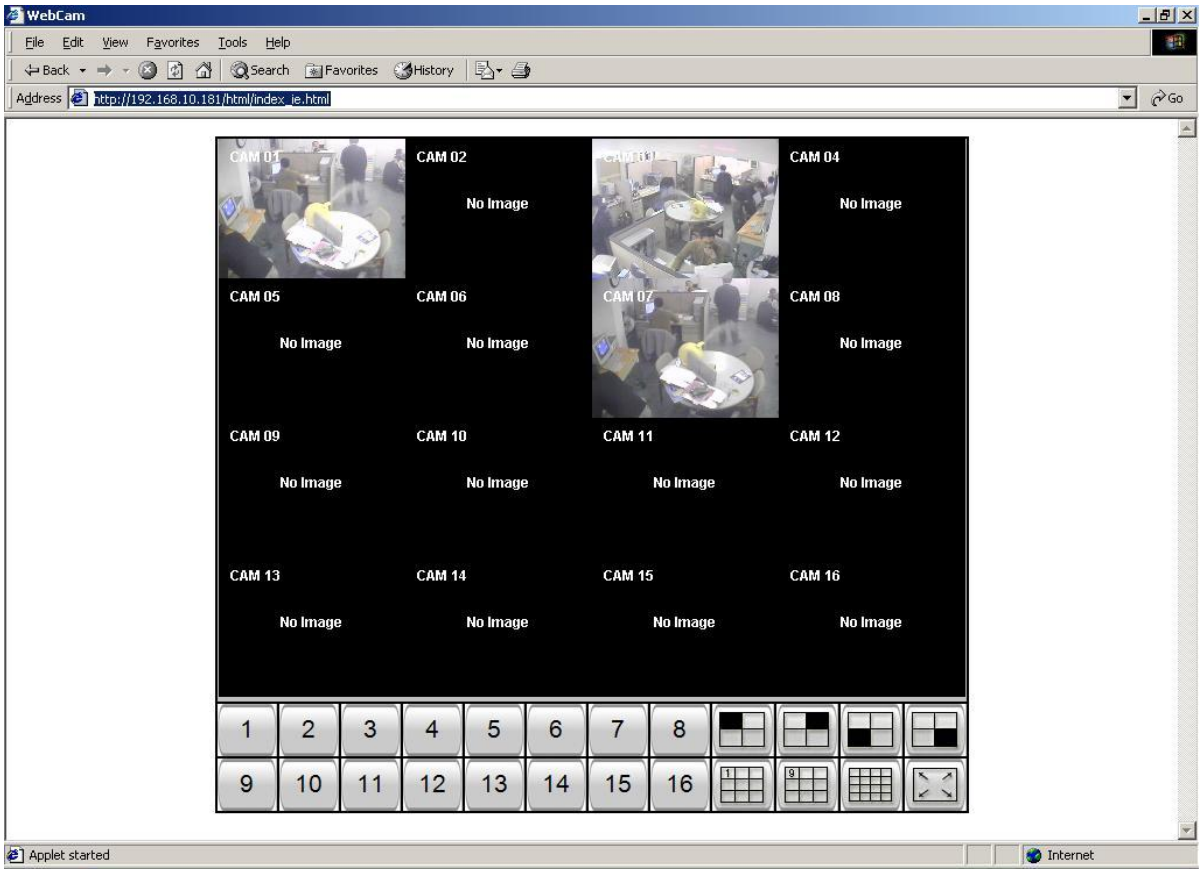
The operation is each client program is running in a computer, so you can connect maximum 128 site [64 site *2]] and display 32 channel's image.
each client is not linked with and run separately.

Web service

WebCam Viewer

When the user is monitoring the image through web browser, the user must set up the IP address of the server and port number, through the WebCam Sever set up port. If WebCam Server set up default port, that is Web server port, so you could insert just IP Address on web browser.

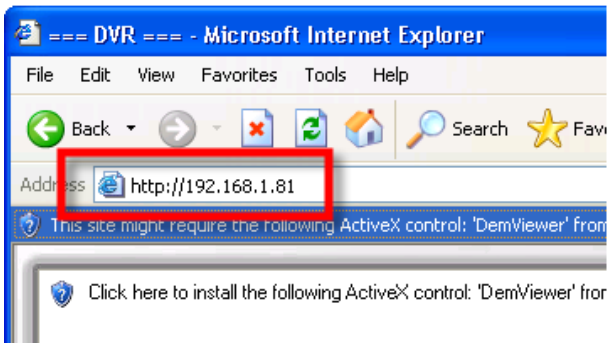
For example, enter “**http://192.168.10.99/html/index.html**” on the location window of the web browser.

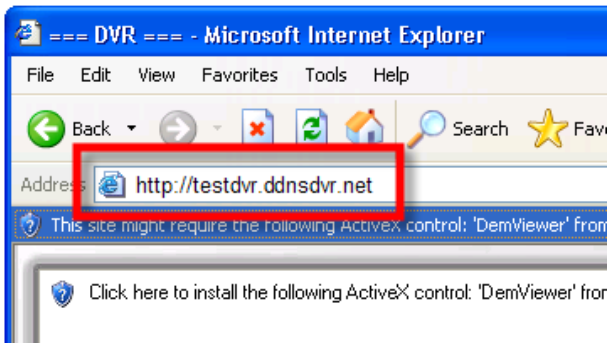


Web Agent

Run Internet Explorer, write Recorder's IP address or the Address which you set IP address on WebAgent setup on EverSecu Recorder as like**"Registered Machine.DDNS server address/"** Ex) testdvr.ddnsdvr.net

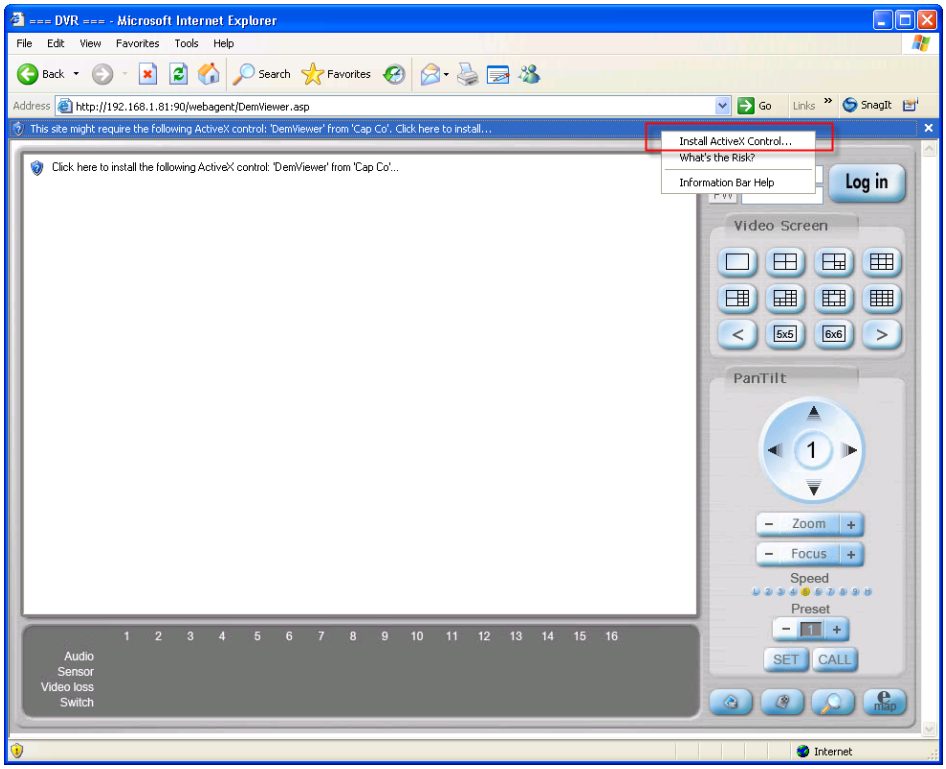
.



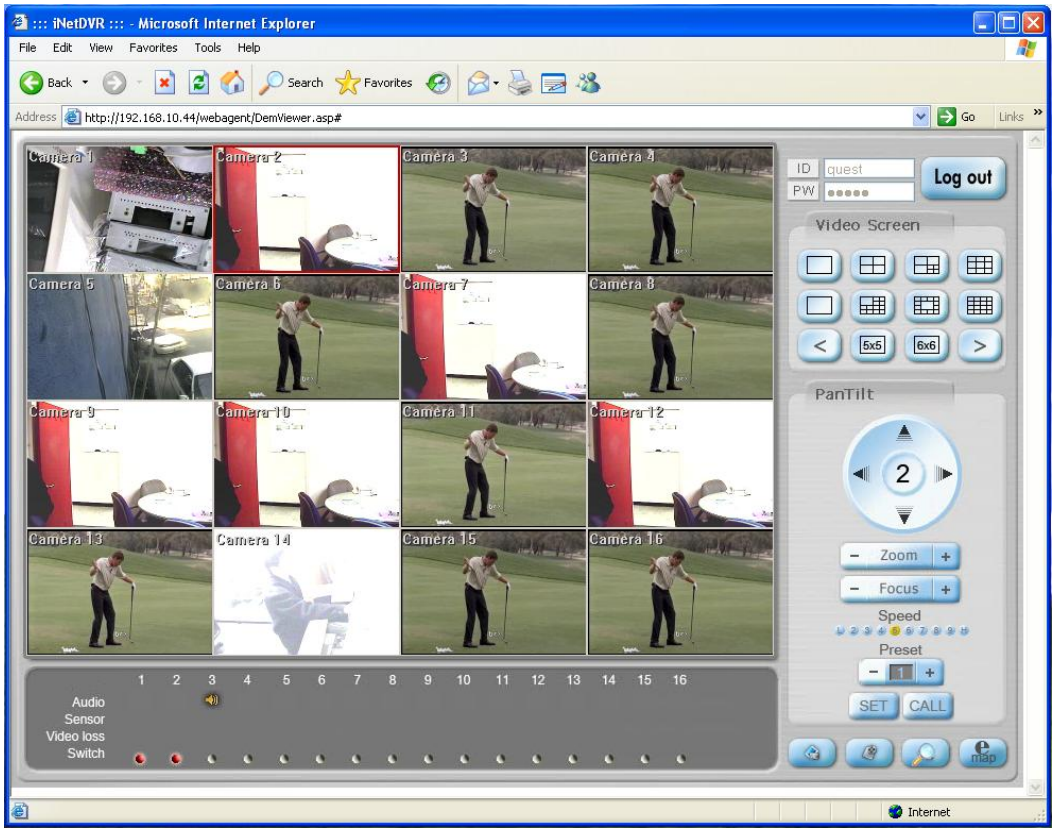


If it was connected DVR site, we could see Web Agent on Internet Explorer.

If your computer didn't have "**Web Agent**," Window poped up and ask installing "Web Agent" pleases clicks "yes"

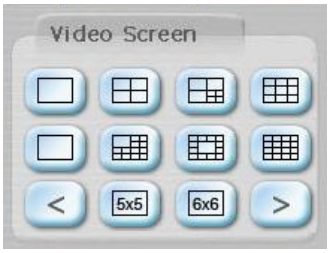


If Install was Success, we could see below picture
(If Agent has Black Screen, Codec is not installed. Install MPEG4 Codec)



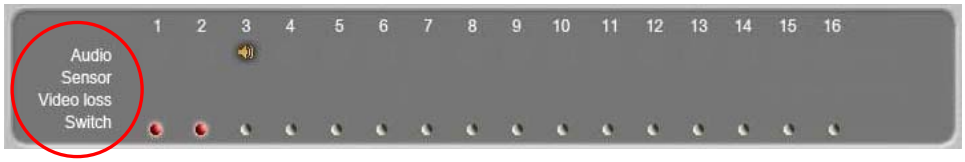
How to use Web Agent

Display Mode



Screen Display mode is changed what you selected to 1, 4, 9, 16 division mode.

Audio, Sensor, Video Loss and Switch

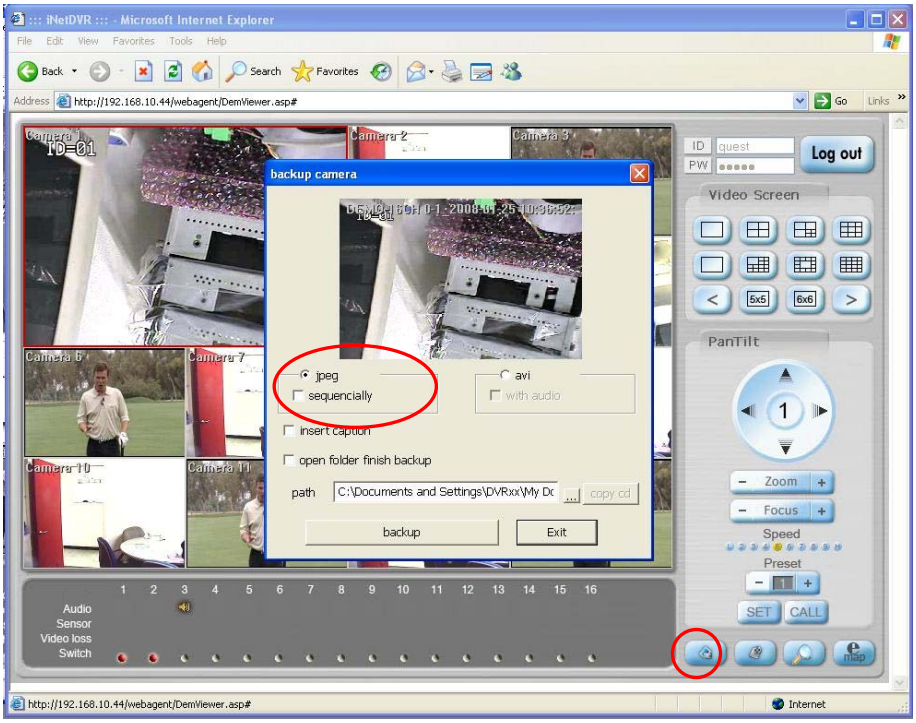


If you clicked this button, on control bar Speaker Icon is changed color to yellow, and then WebAgent play audio data if the selected channel had audio data. Also transmission speed is considered what your system has.

PTZ Control

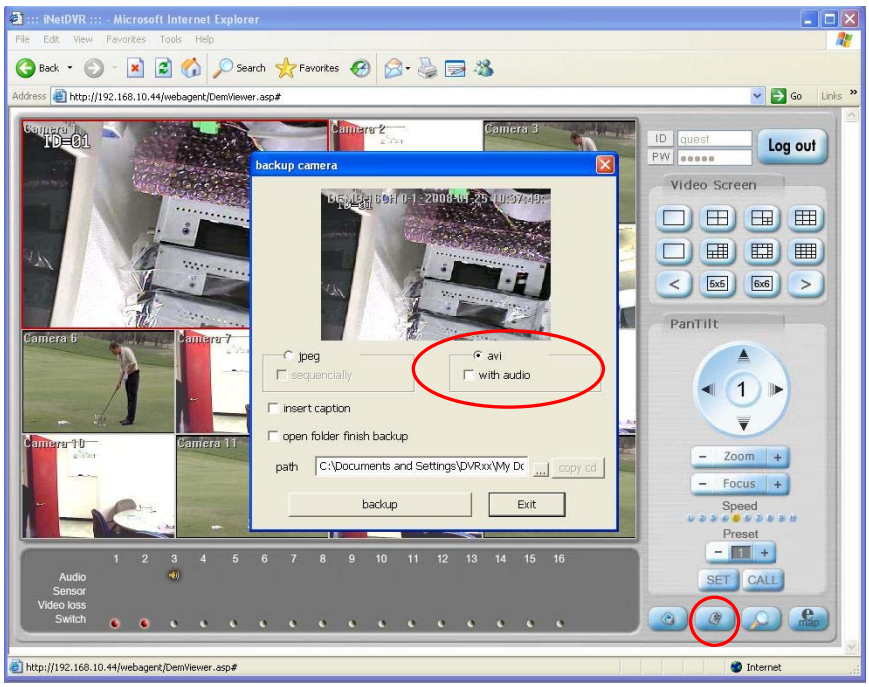
If you want a use Pantilt Control to Camera, use this bar.

Jpeg Save Image



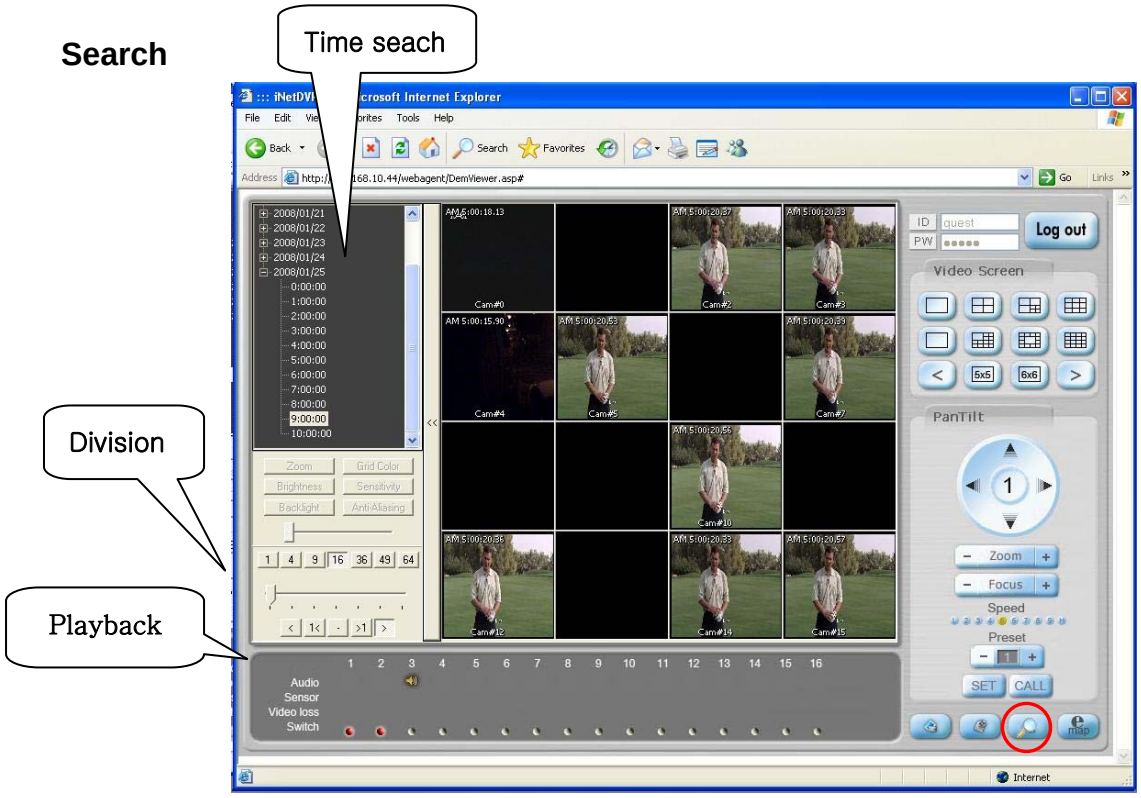
If you clicked this button, you can save an jpeg file image on selected channel to your computer.

Avi Save Image



If you clicked this button, you can save an avi file image on selected channel to your computer.

Search



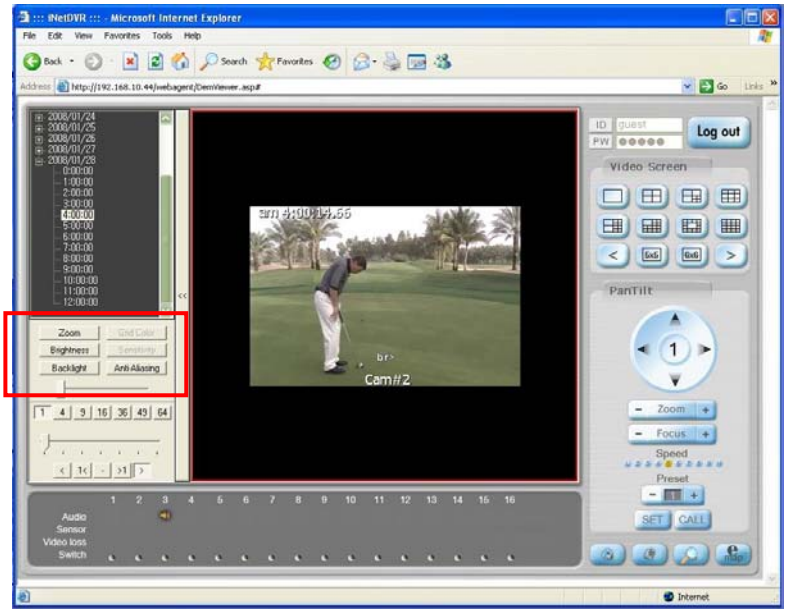
1. If you clicked this button, you can remote search an image saved.

2. Select Date and Time for your finding to image saved.

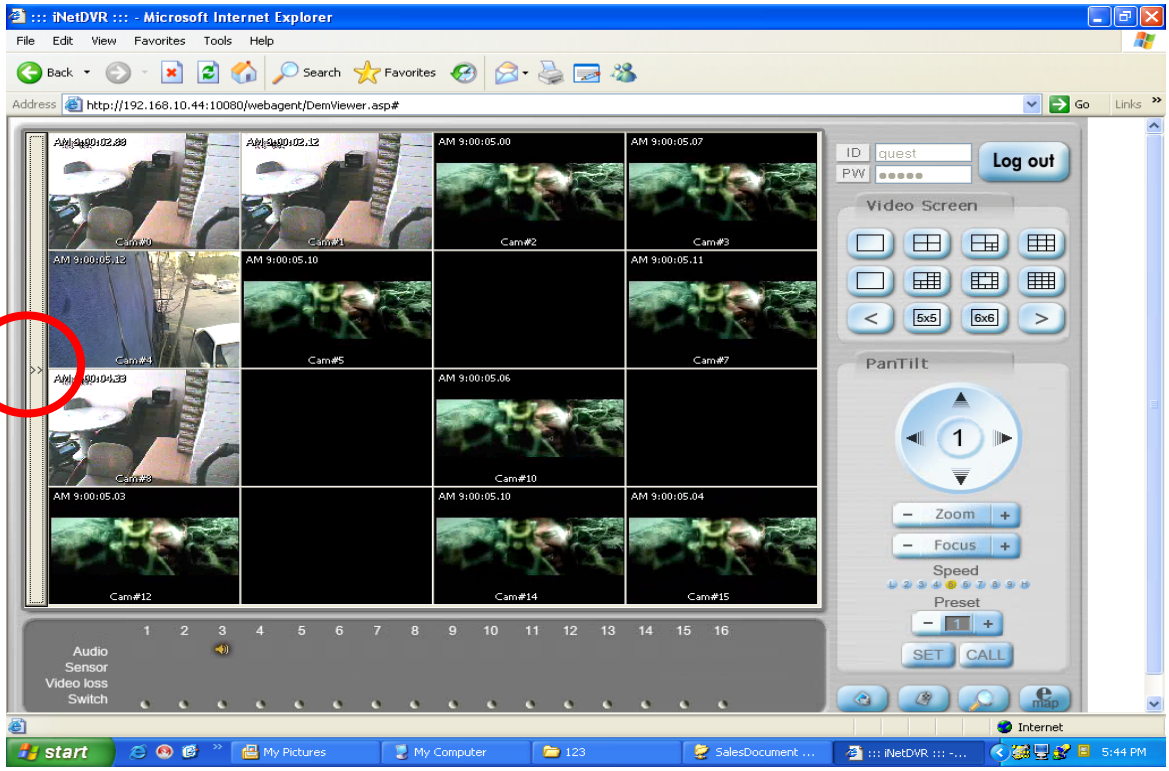
   * You must to **double click** time selection.

3. Click Play button for the confirm the image.

4. If you select one channel, you can use the viewer option
   (Zoom, Brightness, Backlight, Anti-Aliasing etc.)

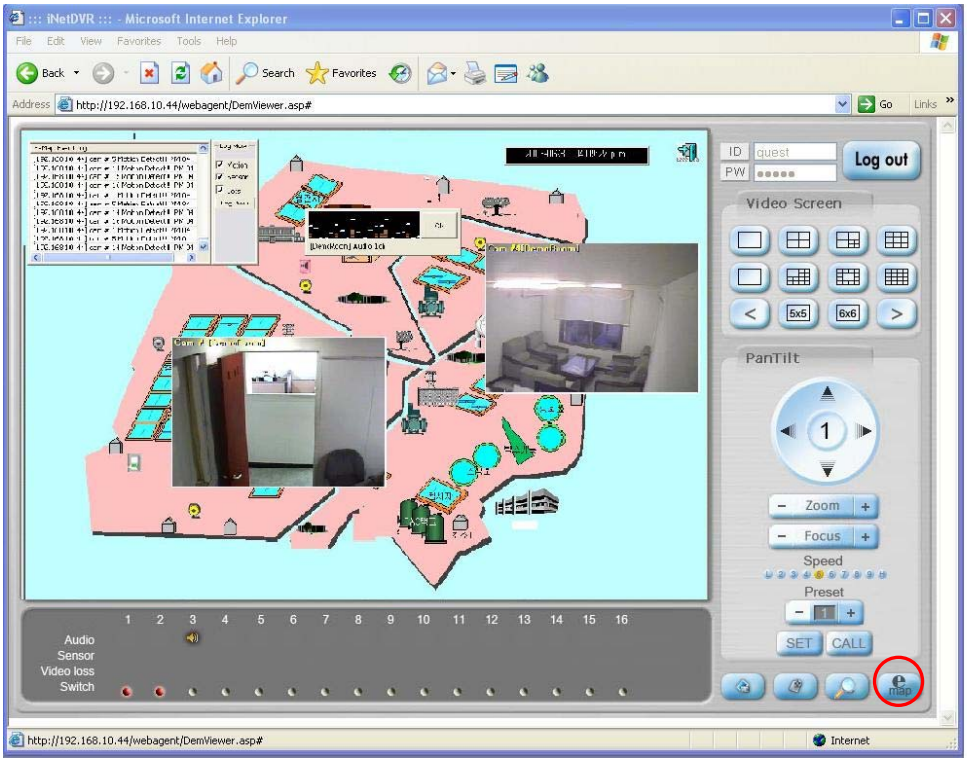


5. If you want full size search, please click



6. If you want go back to Live mode, Click search button again.

E-map



If you clicked this button, you can save an avi file image on selected channel to your computer.

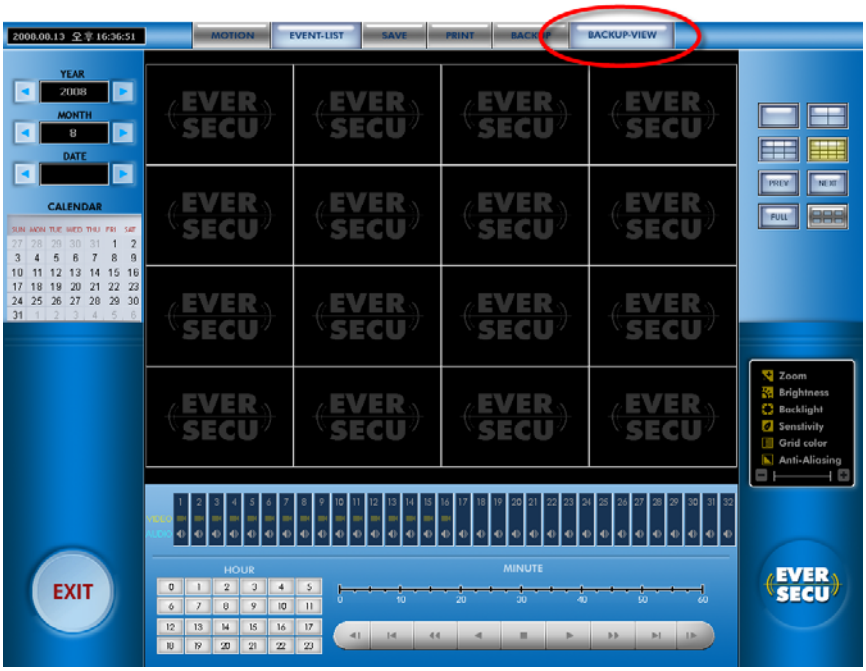
Backup Viewer

Backup Viewer

Backup Viewer is copied when **EverSecu** made backup.

Backup Viewer is placed on the folder which you made Backup.

Click “Backup View” on top menu



Select drive and folder which you made Backup data, click “OK.”

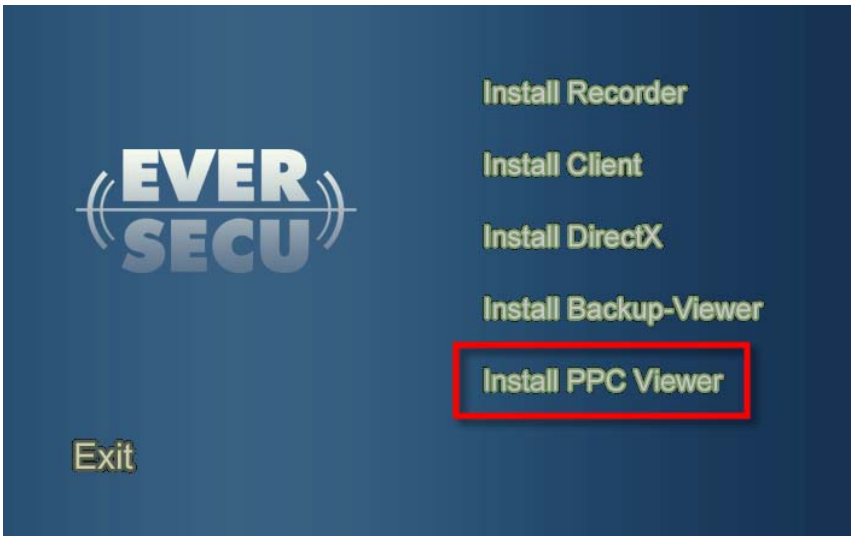
select searching date and time, and click “Play” button

(Backup Viewer’ s operation is as same as local Viewer, so refer “Local Viewer”)

PDA Viewer

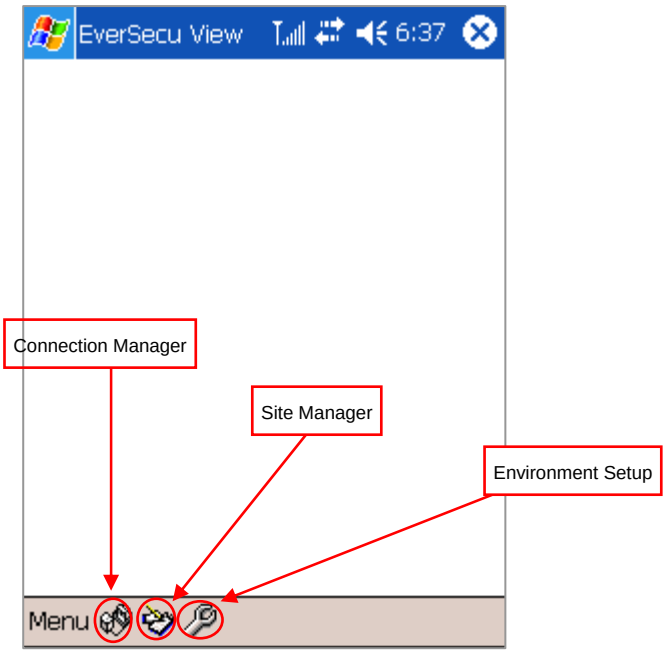
Installation

- Plug your PDA USB to PC has with Microsoft ActiveSync.
- Run Microsoft ActiveSync in the connected PC.
- Insert *EverSecu* CD into the CD-ROM drive of the PC, Click “Install PPC Viewer”



Screen Overview

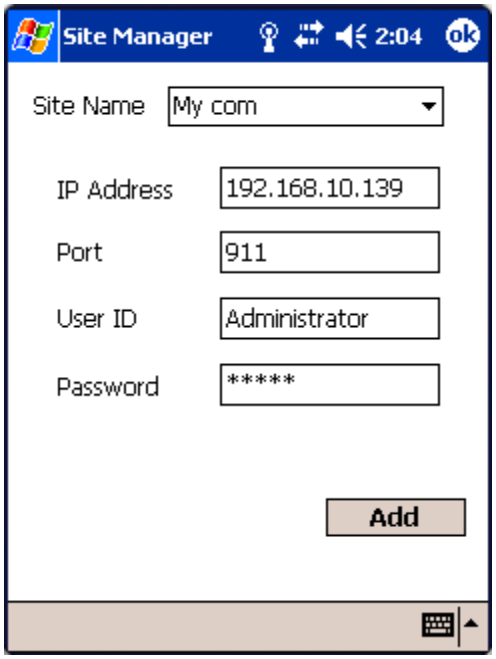
EverSecu Commander by PDA is a remote view application for Pocket PC 2003 device.

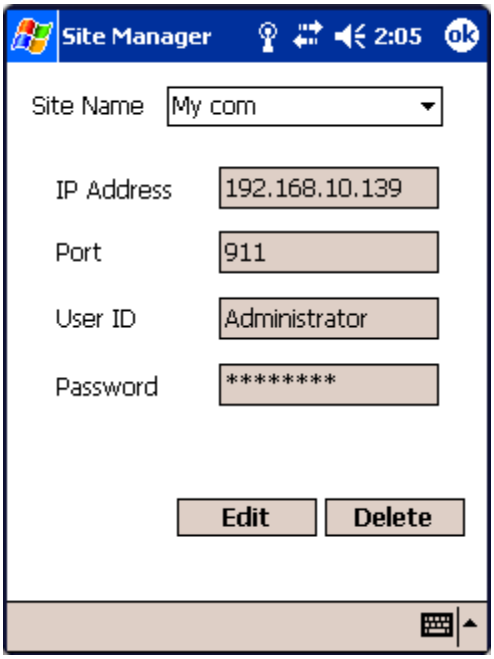


Registration Site information

To see DVR's image of remote site in Client program, must register the site information.

- Press the **"Site Manager"** button.
- Come out the window **"Site Manager."**
- Write site name what you want to into site manager.
- Write at "IP Address" and "Port," "User ID", "Password," and press the "Add" button

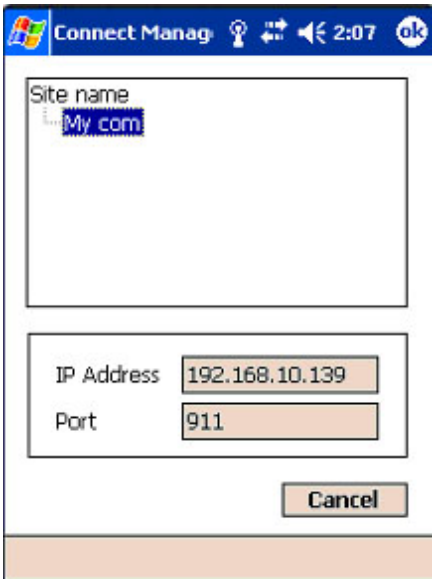




– You can do the modification or delete. But "site name" can not change.

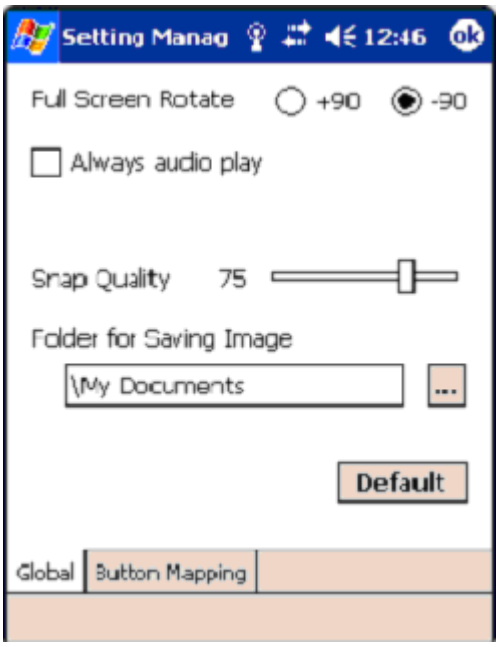
Connect Site

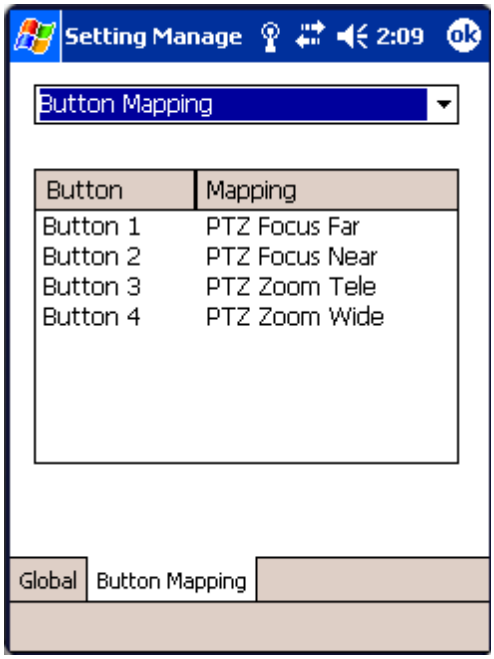
- Click the site name that you want to connect, and press "OK" button.



Setting Manager

- Full Screen Rotate +90. -90
- Always audio play “check”





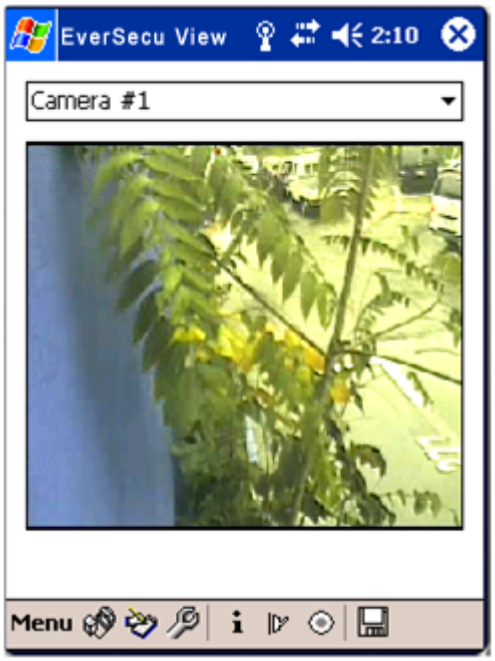
- Choose the duty which you want in the “Button Mapping” Combo box.
- Press a hardware key.

+

Monitoring Live image

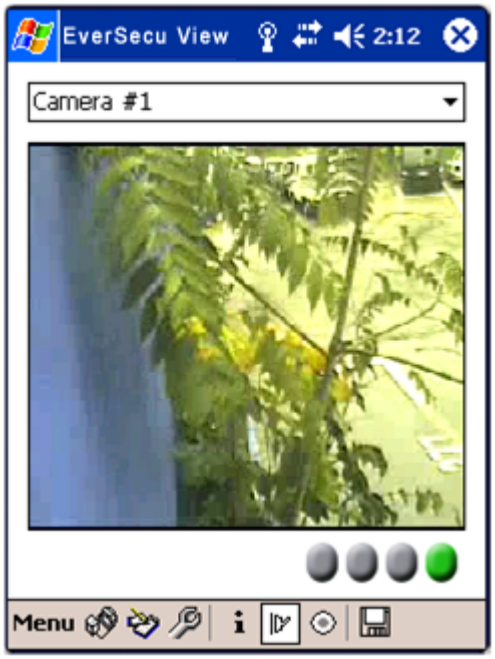
Monitoring Live image support one channel, one Audio

- Monitoring Live Image



- Monitoring selected camera channel

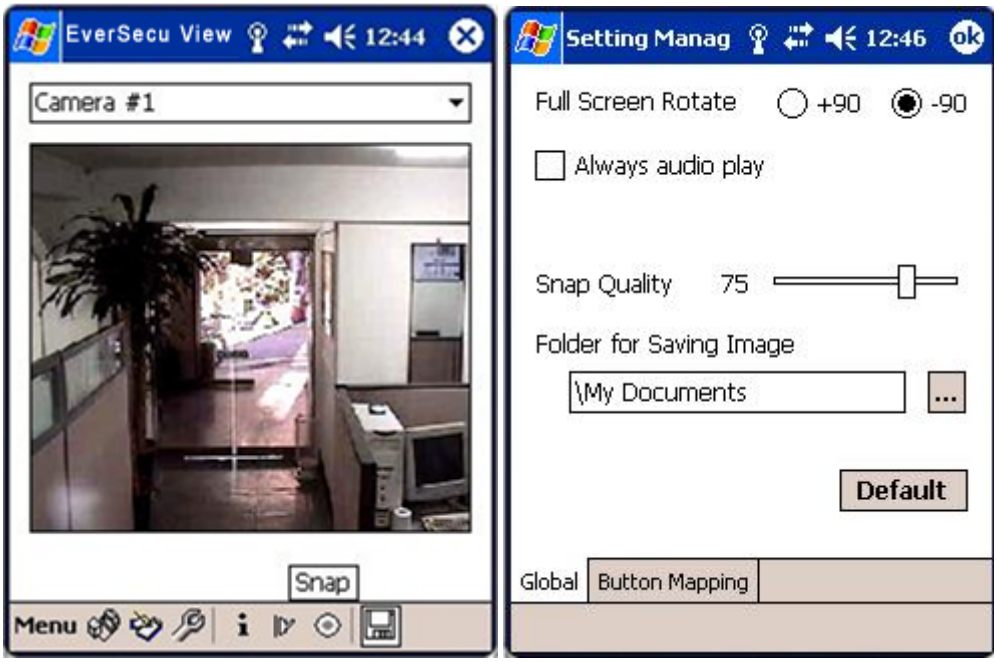
- Switch button



- Image quality

- Save image

CCP Viewer can capture and save image where you set saving image path at setting manager.



Control PTZ (Pan Tilt Zoom)

PTZ Pan and Tilt, Full Screen toggle is fixed to Hardware Key (left , right , up , down , start). But “Zoom” Key and “Focus” key set to the button which you want.

Search

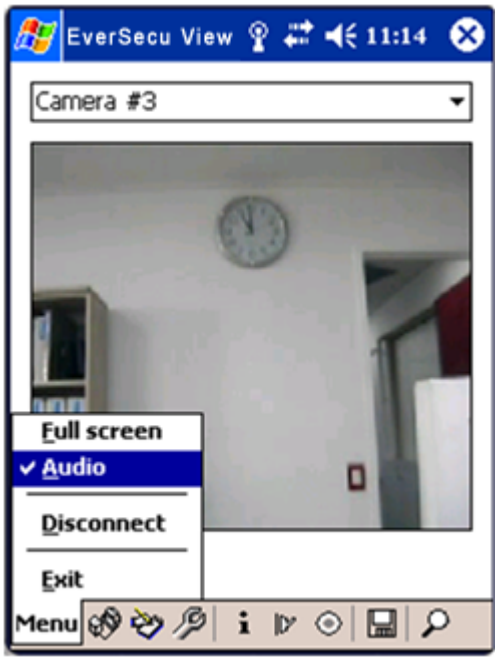
1. If you clicked Search button, you can see Screen Viewer

2. Search screen overview

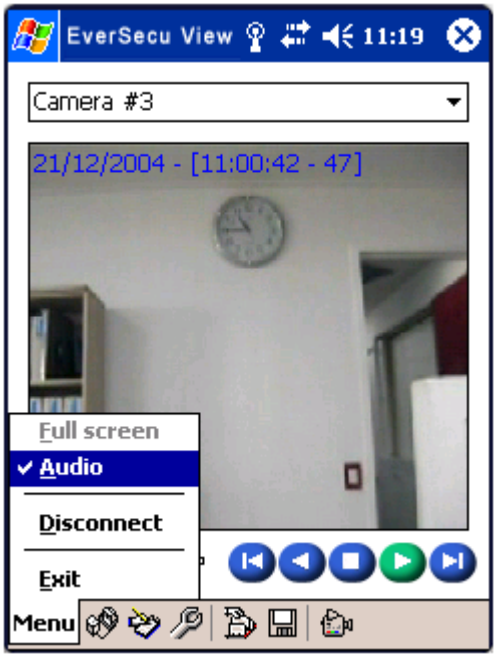
Select date and hour and Channel which one you want to search

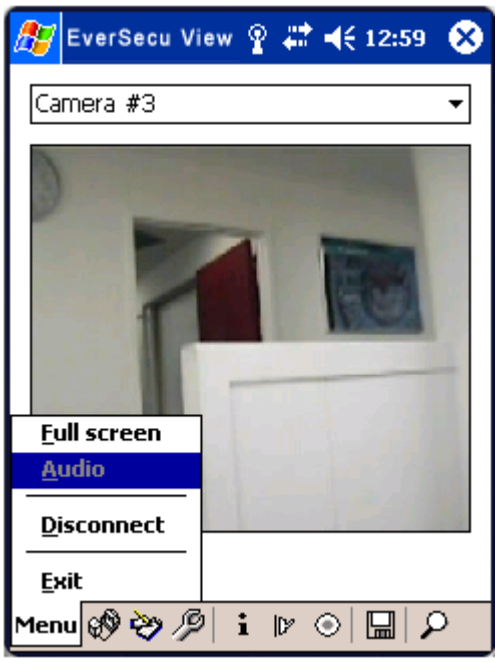
Audio

1.When you watch live image, you can get audio from the connected site



2. Also you can get recorded audio, from the connected site when you searched recorded image data





Full screen

It does not work on Search mode

Audio

If the channel which you see on PDA screen , has audio,

“AUDIO” Menu is enable to click

If you set “Always Audio play” in setting page, “Audio” Menu is checked automatically

Disconnect

Disconnect communication

Exit

Turn off this application

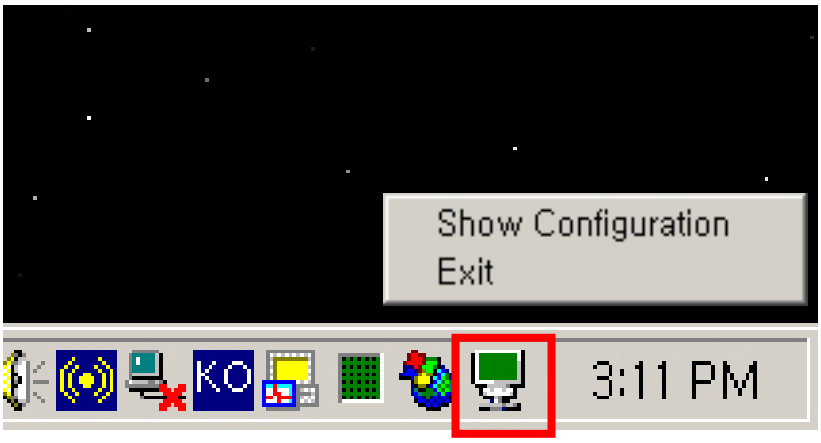
DVR Agent

auto update,
DDNS Web Register,
Information Viewer,

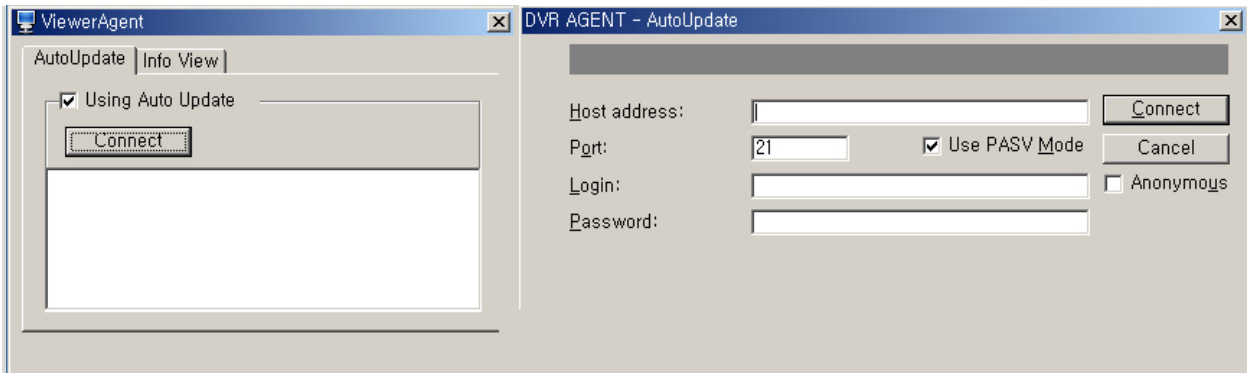
Auto Update [for Remote Viewer]

Running DVR Agent

1. When **EverSecu** is running, DVR Agent is running and displayed on tray Icon automatically.
2. if you click right mouse button, menu is popped up



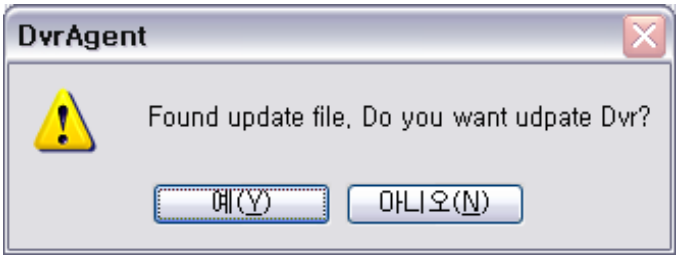
DVR Agent – Connect Manager



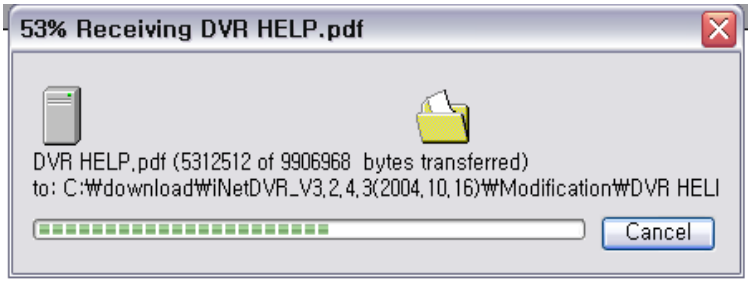
Auto Update Request

1. When Auto Update Client is running, it will get version information to connect server.

2. If Auto Update server has upper version information, Auto Update Client ask user to download upper version. If you want to download, click “YES



3. When Auto Update Client start to download up version

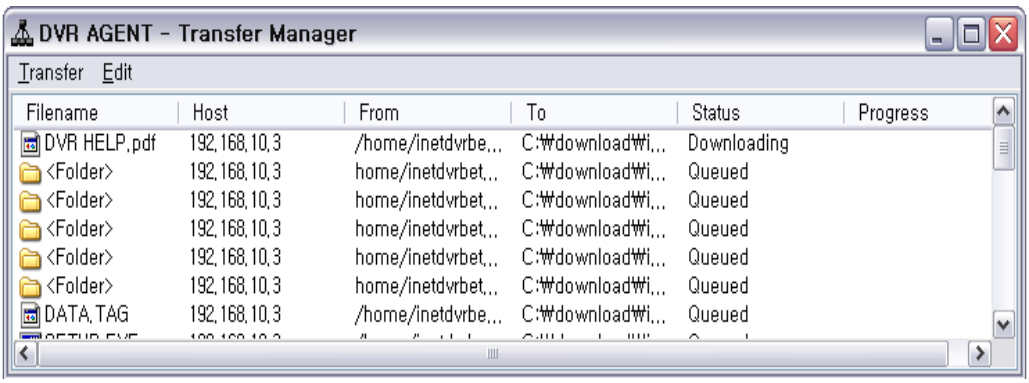


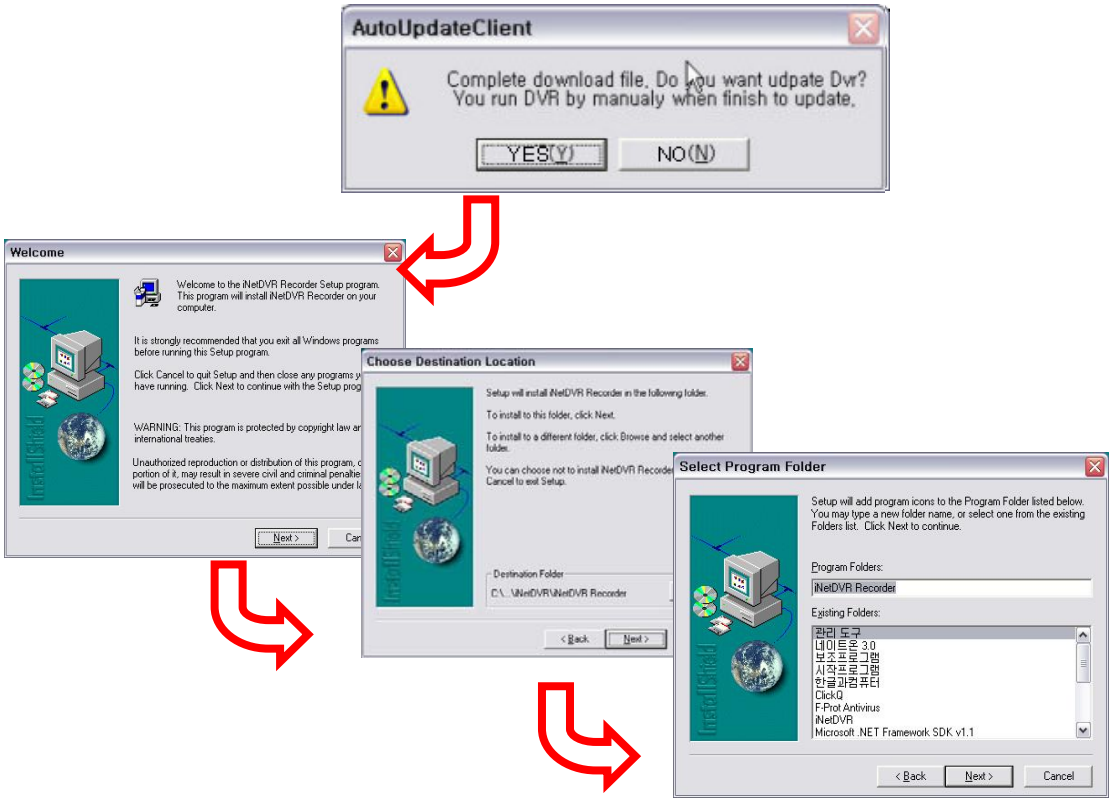
4. Updating software.

If Auto Update Client finish download, show “Transfer Manager” for downloading status

And ask user to install upper version of **EverSecu**

Install progressing is as same as **EverSecu** Installation.




AutoUpdateClient
Complete download file. Do you want udpate Dvr?
You run DVR by manualy when finish to update.
YES(Y)
NO(N)
Welcome
Welcome to the iNetDVR Recorder Setup program. This program will install iNetDVR Recorder on your computer.
It is strongly recommended that you exit all Windows programs before running this Setup program.
Click Cancel to quit Setup and then close any programs you have running. Click Next to continue with the Setup program.
WARNING: This program is protected by copyright law and international treaties.
Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.
Next >
Choose Destination Location
Setup will install iNetDVR Recorder in the following folder.
To install to this folder, click Next.
To install to a different folder, click Browse and select another folder.
You can choose not to install iNetDVR Recorder. Click Cancel to exit Setup.
Destination Folder
C:\...\iNetDVR\iNetDVR Recorder
< Back
Next >
Select Program Folder
Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing Folders list. Click Next to continue.
Program Folders:
iNetDVR Recorder
Existing Folders:
관리 도구
네이트온 3.0
보조프로그램
시작프로그램
한글과컴퓨터
ClickQ
F-Prot Antivirus
iNetDVR
Microsoft .NET Framework SDK v1.1
< Back
Next >
Cancel

E-Map

E-map Editor and Operation Manual

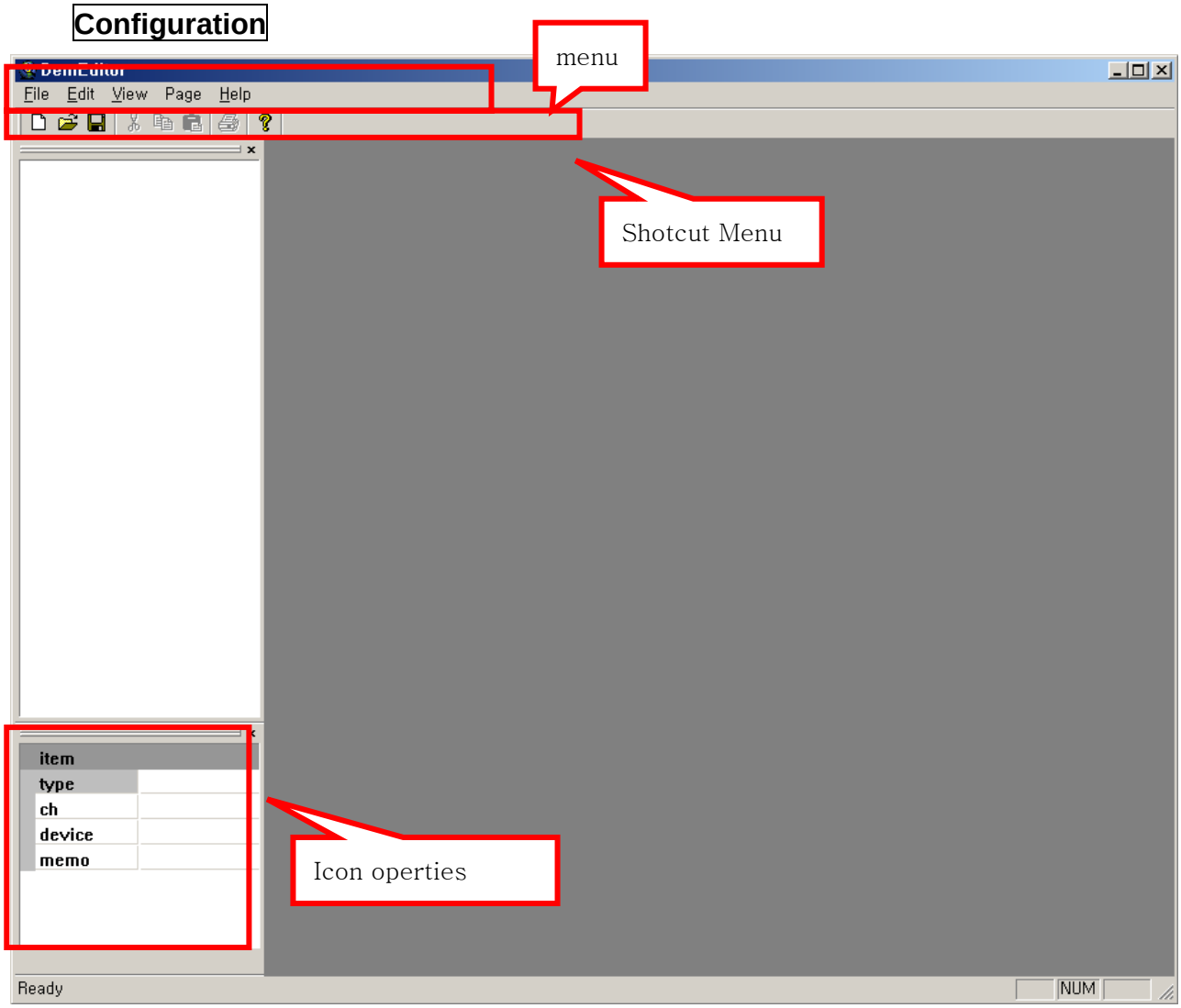
E-map Editor

E-map is an application for being easier to figure out and monitoring more effective.

E-map make DVR monitoring with icons-DVR's function on monitoring area map as like structural drawing, or diagram.

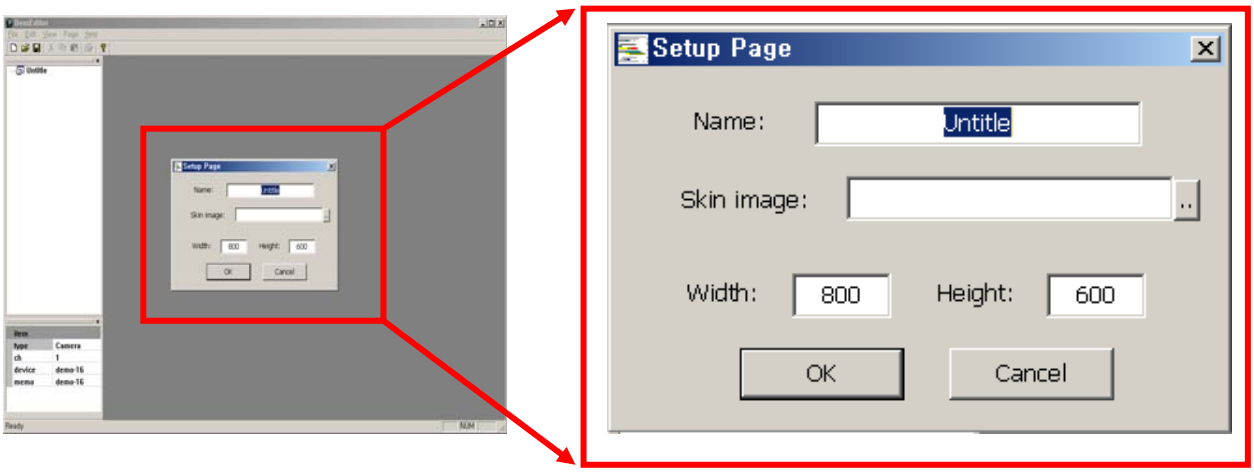
DVR user make their own E-map through this E-map Editor.

Configuration



1. New page.

select “File->new” or click on shotcut icon.



Set E-map’s displayed size, grid size, and Margins

If you have picture or drawing about monitoring area, set paper size as same as the image file.

Grid help you to place those icons at perfect position on screen.

2. Camera, Audio, Switch, Sensor

Those icons need setting values as like channel, IP address, and etc.

4 different type of icon has same setup.

It will be explained about camera. But Audio, Switch, Sensor setting are all same.

You can place 4 type of icons with Drag & Drop

Click icon which you want, and drag where you want to place

Then release clicking.

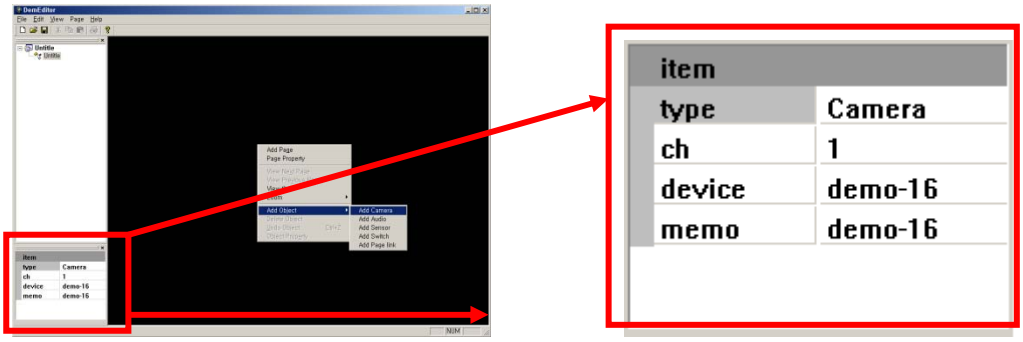
Also all 4 type of icons can cut, copy, paste, duplicate, and grouping.

If icons is overlapped each other, you can set those icons sequence by “up”, “down”, “to front”, “to back”

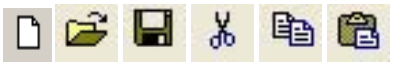
●**Camera**

3. Camera on Recorder

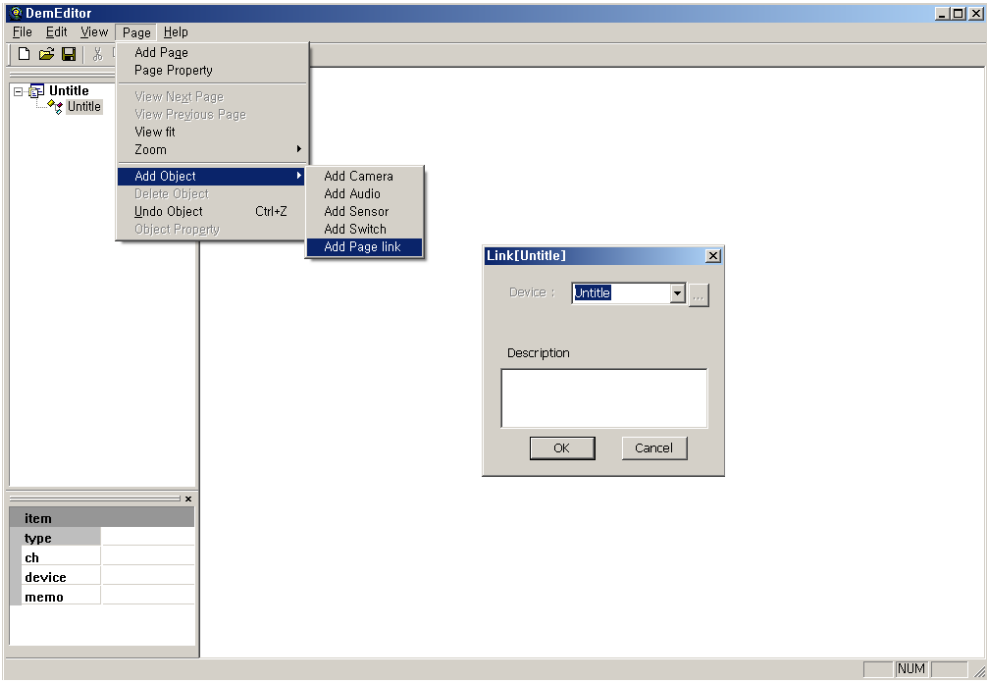
Set channel on device Information.



4. Warning

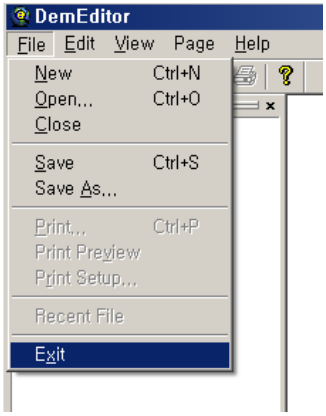


5. Link



When you monitoring more than one map, you can make link for change e-map by clicking

6. Exit

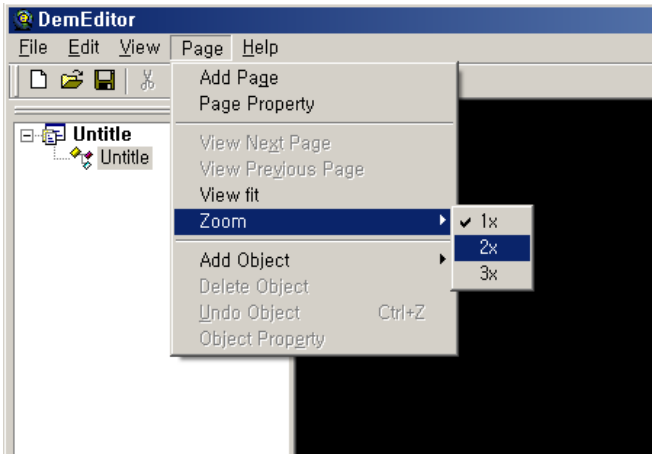


Exit and go back Recorder or Remote Viewer.

7. Open e-map File/ Open Background image File.

Open the Saved E-map Files for Editing.

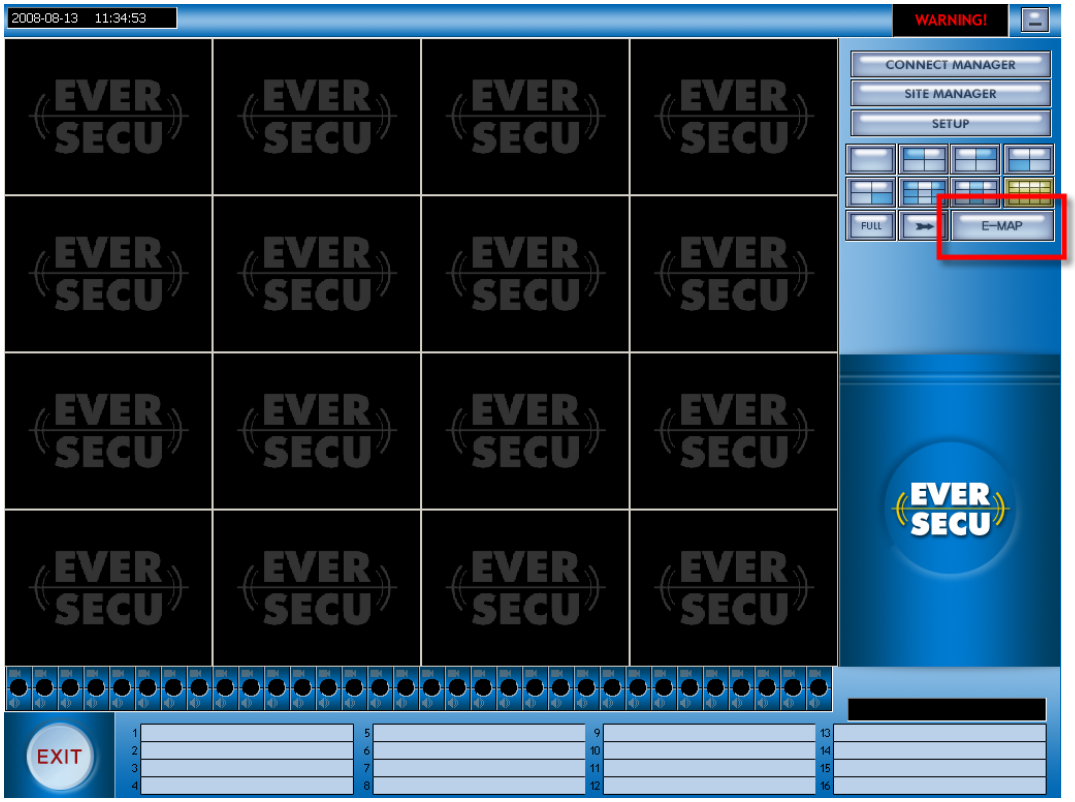
8. Zoom in/out



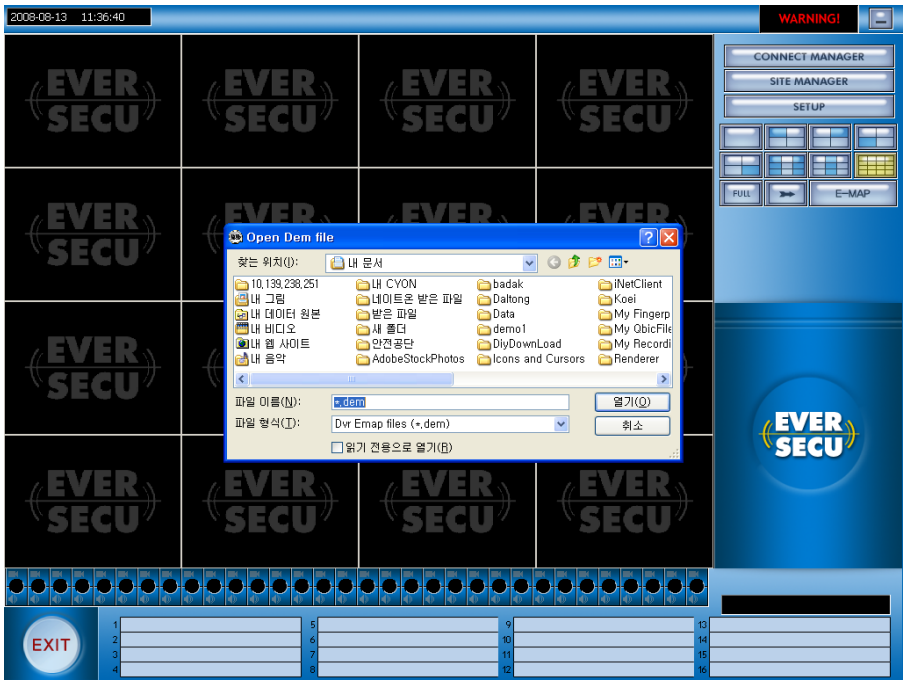
You can zoom in or Zoom out

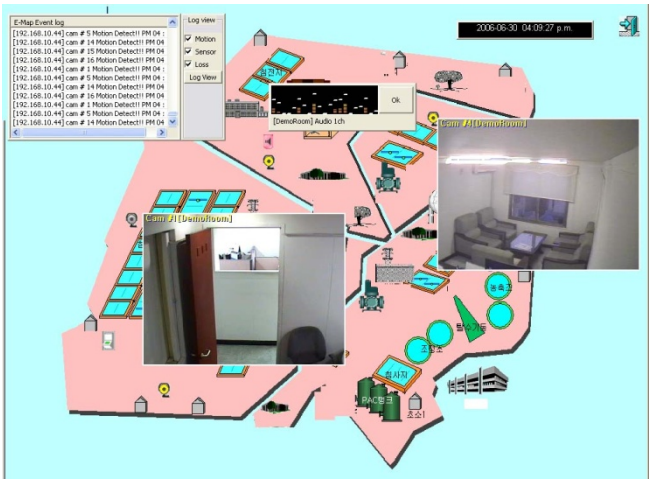
Running E-map on Remote Viewer

1. Click E-map button for running E-map



2. If Dialog is popped up for E-map file, find and open the edited E-map File.





3. you can see E=map running as you edited.

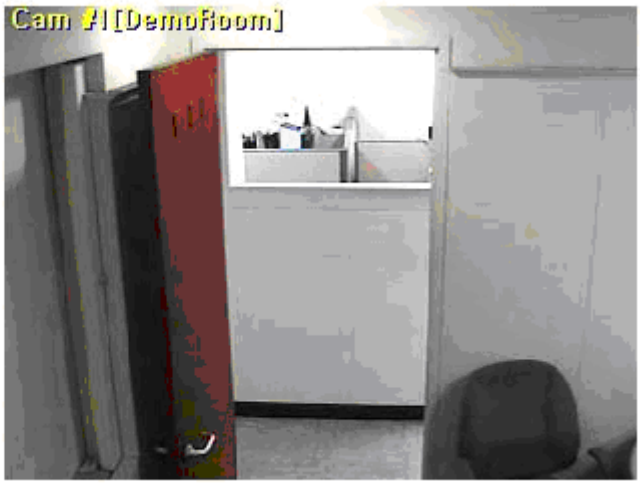
Operation Configuration

A. Camera

Camera doesn't have connected or any image transfer.

Camera have image and information.

If you click this icon on E-map, Camera Transferred Image is showed up.



B. Audio

Audio has data and information.

If you click this icon on E-map, Audio function will be show up.

C. Switch

If you move mouse-cursor on Switch icon, E-map displays the icon's information

Switch Off
Switch On

D. Sensor

If you move mouse-cursor on Sensor icon, E-map displays the icon's information