EverSecu Recorder

Operation Manual



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Introduction

System Feature

EverSecu provides advanced digital technology that supersedes old-fashioned CCTV monitoring and VCR systems. It allows 'instant replay' and simultaneous recording.

EverSecu also provides security personnel to define 'security events' that require recording compression of non-event periods into a few frames of video for continuity. This eliminates long hours of tape review and allows you to quickly find any date, time or alarm by random access.

Model	CPU	Memory	Main Board	VGA	Remarks
ES0430	Intel Celeron 1Ghz	256MB	Intel 8xx/9xx VIA P4X266, SiS650	ATI Radeon 9200 or Higher	
ES1603	Intel Celeron 1Ghz	256MB	Intel 8xx/9xx VIA P4X266, SiS650	ATI Radeon 9200 or Higher	
ES1660	Intel Celeron 1Ghz	256MB	Intel 8xx/9xx VIA P4X266, SiS650	ATI Radeon 9200 or Higher	
ES412	Intel Celeron 1Ghz	256MB	Intel 8xx/9xx VIA P4X266, SiS650	ATI Radeon 9200 or Higher	
ES1612	Intel Pentium IV 1Ghz	256MB	Intel 8xx/9xx	ATI Radeon 9200 or Higher	Encourage of VGA
ES1624	Intel Pentium IV 2.8Ghz	512MB	Intel 8xx/9xx	ATI Radeon 9200 or Higher	card to be supported
E\$3224	Intel Pentium IV Prescott 530 or Higher	1GB	Intel 9xx	ATI Radeon 9200 or Higher	DirectX Overlay
ESCR12	Intel Pentium IV 1Ghz	512MB	Intel 9xx	ATI Radeon 9200 or Higher	
ESCR24	Intel Pentium IV 2.8Ghz	512MB	Intel 9xx	ATI Radeon 9200 or Higher	
ESCR48	Intel Pentium IV Prescott 530 or Higher	1GB	Intel 9xx	ATI Radeon 9200 or Higher	
ESM44	Intel Pentium IV 2.8Ghz	512MB	Intel 9xx	ATI Radeon 9200 or Higher	
ESM48	Intel Pentium IV 2.8Ghz	512MB	Intel 9xx	ATI Radeon 9200 or Higher	
HP3000	Intel Pentium IV 2.8Ghz	512MB	Intel 9xx	ATI Radeon 9200 or Higher	

System Requirements

EverSecu Specification

Software MPEG4 Compression Board

Model	ES403	ES0412	ES1603	ES1606	ES1612	ES1624	ESCR12	ESCR24	ESCR48	ES3224
Camera Input	4CH	4CH	16CH	16CH	16CH	16CH	16CH	16CH	16CH	32CH
Display (fps) (NTSC/PAL)	30/25	120/100	30/25	60/50	120/100	240/200	480/400	480/400	480/400	240/200
Recording (fps) (320x240,NTSC/ PAL)	30/25	120/100	30/25	60/50	120/100	240/200	120/100	240/200	480/400	240/200
External Monitor	1	1	1	1	1	1	1	1	1	1
Sensor Input	4	4	16	16	16	16	16	16	16	32
Alarm Output	4	4	16	16	16	16	16	16	16	16
Audio Recording	1	4	1	2	4	8	4	8	16	16
Real-Time Display		Not supported Supported								
Video Input Signal		NTSC, PAL								
Compression		MPEG4 / MJPEG Selection (S/W Codec)								
Image Resolution		MAX. NTSC – 720 x 480 / PAL 768 x 576								
Recording Mode			Continuous	, Motion De	tection, Sen	sor, Schedu	ling Multiple	Recording		
Motion Detection				10-Region	per channel	/ Adjustable	sensitivity			
Image Verify					WATER	-MARK				
Self Diagnostics					Watc	h-Dog				
Remote Access			Full rem	note control	PSTN, ISDN	I, LAN, Leas	sed Circuit, I	nternet		
Remote Setup					Supp	orted				
P/T/Z Interface		RS-485(422) / RS-232								
OS		Windows 2000, XP, Vista								

Model ES0403 can be expended to 16Channel if the user installs 4 pcs of the same board.

Model	ESM44	ESM48	ESM48EX	HP3000			
Camera Input	4CH	8CH	8CH	8CH			
Display (fps) (NTSC/PAL)	120/100	480/400	480/400	240/200			
Recording (fps) (320x240,NTSC/ PAL)	120/100 @ D1	240/200 @ D1	480/400 @ D1	240/200 @ D1			
External Monitor			1				
Sensor Input	4	8	8	8			
Alarm Output	4	8	8	8			
Audio Recording	4	8	8	8			
Video Input Signal		NTSC, PAL					
Compression	MPEG4 (H/W Codec) H.264 (H/W Codec)						
Image Resolution		MAX. NTSC – 720 x 480 / PAL 768 x 576					
Recording Mode	Conti	nuous, Motion Detection, Sen	sor, Scheduling Multiple Reco	rding			
Motion Detection		10-Region per channel	/ Adjustable sensitivity				
Image Verify		WATER-MARK					
Self Diagnostics	Watch-Dog						
Remote Access	F	Full remote control PSTN, ISDN, LAN, Leased Circuit, Internet					
Remote Setup		Supp	orted				
P/T/Z Interface	RS-485(422) / RS-232						
OS	Windows 2000, XP, Vista						

♦ Hardware MPEG4 & H.264 Compression, Video Display (Real-Time Display) Board

* Model ESM44 can be expended to 16Channel if the user installs 4 pcs of the same board.

Install *EverSecu* Board

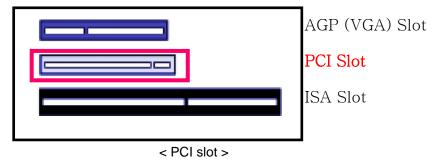
1) Turn off power on the computer.

* It is very important to turn the computer's power before you open the case. Static Electricity can provide a big enough shock to damage the components of your PC.

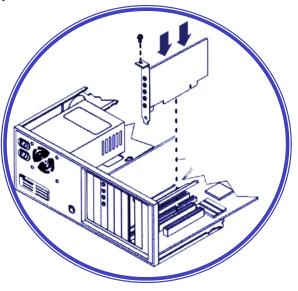
NEET TO EXPLAIN ABOUT PROPER GROUNDING BEFORE TOUCHING ANY COMPONENTS.

2) Open computer case and Please install as follows:

3) Check to make sure there is a PCI slot available.



4) Please install securely in the slot.



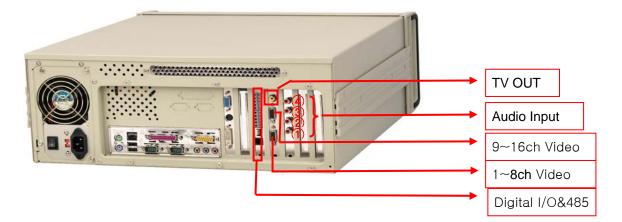
< PCI slot Installation >

- 5) Secure the card in place by tightening the screw.
- 6) Close the case then turn on the computer

Install System

A User may connect CCTV camera, video phone, or video out port of any security system to one of camera input ports on **EverSecu** Board.

Also, a user may use TV out to connect an external analog CCTV monitor.



Install Software

1. Execution of the Installation Program

1) When you put the **EverSecu** Card into the PC and turn on the power, the Windows system runs and show up the message window that a new hardware is discovered.

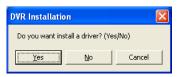
In case of Hardware Driver, it is available to be installed when you install the **EverSecu** program. So, on this step, click"Cancel"and insert **EverSecu** Installation Program CD to CD-ROM Drive on the PC. Then, the installation program will be executed automatically.



- 2) Each Menu of the installation program offers the following function.
 - Install Recorder: Install EverSecu Recorder program.
 - Install Client: Install EverSecu Client(Remote Viewer) program.
 - Install PDA Viewer: This is a Client(Remote Viewer) program for PDA.
 Our Viewer supports the OS of Microsoft Pocket PC2003, 2003SE for PDA.
 - EXIT: Finish the installation program.

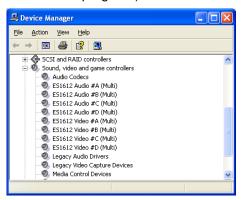
2. Installation of EverSecu Recorder program

① Clicking the 'Install Recorder' in the Install Shield using a mouse will display the window asking if the user wants to install the EVERSECU Driver.



If 'Yes' is clicked, the driver is installed. If 'No' is clicked, the driver is not installed and the program moves to the program installation step.

Once the driver is installed successfully, it is registered in the Device Manager as shown in the following figure. (It can be confirmed once the system is restarted after installation of the system EVERSECU program.)



- (2) Click 'Continue (C)' in the window asking if the user wants to install the driver. Then the driver according to the installed EVERSECU product is searched automatically.
- ③ Select the language for the program to be installed.



④ Select the language to be used and click the 'OK' button. Then the program installation proceeds in order.

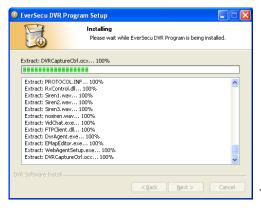
EverSecu DVR Program	Setup 🔲 🗖 🔀	
R	Welcome to the EverSecu DVR Program Setup Wizard This wizard will guide you through the installation of EverSecu DVR Program. R is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer. Click Next to continue.	
	Next > Cancel	Start installation

EverSecu DVR Prog	ram Setup				
	Choose Install L Choose the folde	ocation r in which to install I	EverSecu DVR	Program.	
Setup will install EverSec click Browse and select a			install in a diffi	erent folder,	
Destination Folder	erSecu\EverSecu DVR	Program	Bro	wse	
Space required: 50.0MB Space available: 10.9GE					
DVR Software Install ———		< <u>B</u> ack	<u>N</u> ext >	Cancel	Sele
EverSecu DVR Prog	ram Setup				
	Choose Start M Choose a Start M shortcuts.	enu Folder Ienu folder for the B	verSecu DVR	Program	
Select the Start Menu fo can also enter a name t		d like to create the	orogram's shor	tcuts. You	
EverSecu\Recorder					
Accessories Administrative Tools EverSecu Games SoundMAX Startup					
ViRobot Desktop 5.0					
DVR Software Install					
		< Back	Next >	Cancel	

Select program installation path

Designate in the program folder of the Start menu a folder

in which the EVERSECU Recorder execution icon can be registered.



The program is installed. \rightarrow If the 'Cancel' button is

clicked, the installation is stopped.



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

(5) In order to install the EVERSECU driver manually, in the window asking for the driver installation path, set the 'Driver' folder in the Program Installation CD as the installation path. Since the program execution icon is registered in the desktop and Start menu as well as Start program automatically, the program is executed automatically.



After closing the program, if you want to reexecute it, click twice this icon on the bottom screen.

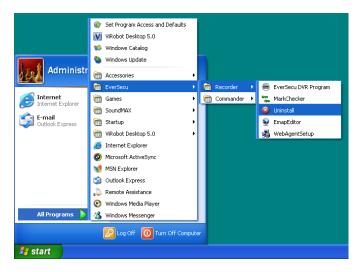
* If you want to install DVR card driver manually, you can configure the route of the folder 'Recorder\Driver' in the installation CD on the window for searching the route of Driver.

WARNING!

EverSecu uses a specific data format. So, you must designate the specific data file by using the setup program's 'Storage Space' section after installation. *EverSecu* will not record data without specific *EverSecu* storage space. (Refer page 40 for setup Storage space)

UnInstall Software

- 1. Removal using the EverSecu Recorder Remove article registered on Start Menu
 - Execute the Uninstall DVR Recorder Icon in the SyRadar DVR registered in the Programs of the Start menu.



When the window confirming the removal of the program appears, click the 'Yes' button. Then the program is removed automatically.

2. Removal through the function of "Add or Remove Programs" in the Control

Panel of Windows system.

- 1) Execute "Add or Remove Programs" in Panel Control.
- 2) On the list of the installed programs, select a program of '**EverSecu** Recorder' or 'EverSecu Commander' and click "Remove" button.
- 3) In this case of removal, it will be removed only the program and remains Registries and Setup informations on the system. So, for the complete removal, we recommend you to use the removal function of "Uninstall EverSecu Recorder" registered on the Start Menu.
- 4) On the Removal confirmation window, Clicking "Yes", it runs to remove the program automatically.

Main Screen Overview



Local Viewer	Run Local Viewer[Search]
Setup	Run Setup
Minimize	Hide Button DVR Recorder in tray bar
Video& Audio Recording	Status of Recording about Video and Audio
Status	
Warning	Display Warning Message
Screen Mode	Division of Display Screen [1,1/4~4/4,1/9,10/9,16,25,36]
Channel Rotation	Automatically Changing Displayed Channel
PTZ Control	PTZ basic button
PTZ Speed Control	Slide bar for speed of PTZ movement
Digital Out Switch	Switch button about Digital-out on Capture board
Power	Exit Button

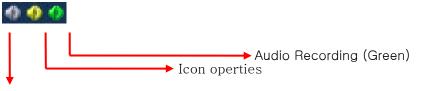
Description of buttons on main screen

- Video & Recording Status



watching mode - just view and not record (Camera Ramp: Not)
 Sensor Recording – Recording by schedule that is set for sensor event (Yellow)
 Motion Recording –Recording by Schedule that is set for Motion Event (Green)
 Continues Recording–Recording by schedule that is set for Time period (Blue)
 Disconnect – Camera is turn off or disconnected (Red)

- Audio Status



It is not recording audio by schedule, but it's done Audio setup (Gray)

- WARNING Status



WARNING is working with checking "using Warning mode" and setting sensor, motion event on setup page.

But, Warning is working without any setting, if Camera Loss is happened.

- PTZ Control Panel



PTZ Panel is show up by next PTZ setting.

- Check PTZ (PTZ port and bitrate setting) on General setup page
- Select PTZ protocol on Camera/Motion Detection setup page.
- Select a camera which you want to control.

Controlling PAN/TILT/ZOOM/FOCUS/PRESET (some function is not available by PTZ Driver and RX)

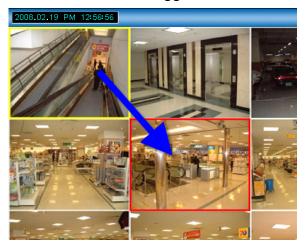
Relocate split screen by mouse dragging

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

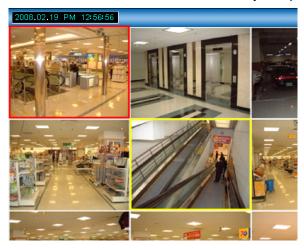
As like below pictures, if you drag channel 1 to channel 2's position for replacing position, the position of Screen will be changed with each other



Also if channel1 is dragged to channel 6, channel 1 is changed position with channel 7.



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

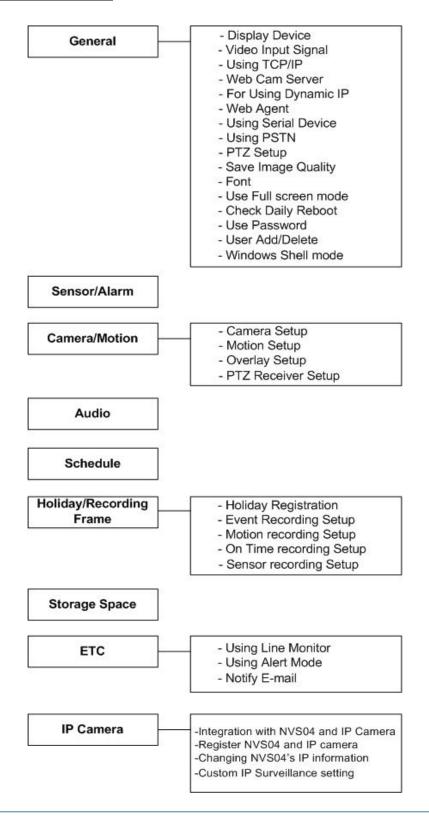


SETUP

Preset ID and Password

The preset ID is set in "Administrator," Password is set in "Admin."

Setup Overview



Display Device

EverSecu supports 4 type of display device, **Auto Detect**, **YUV Overlay**, **Direct Draw**, **RGB Rendering**.

The graphic card of your computer sometimes do not support above DirectX and YUV Overlay. In this case, you must set up "**Display Device**" to "**RGB Device**" (The default value is "RGB Device.")

Video Input Signal

EverSecu supports both of Video signal NTSC and PAL type. In NTSC, maximum recording speed is 30 fps, in PAL TYPE; maximum recording speed is 25fps on each channel.

💑 General		
兽 Sensor / Alarm		
🌍 Camera / Motion Detection		
🛫 Audio	Video Input Method	Save Image Quality
🚖 Schedule	Display Device Auto Detect 🗸	Image Quality 70
🚸 Recording frame / Holiday 🧳	Input Signal NTSC V	Low Quality High Quality
🥪 Storage Space	Inpaceignal Miloc	Low Quanty Ingit Quanty
🥶 ETC,, (Line monitor / Alert mode)		Video Record Compressor MPEG4 💌
		Key Frame Term 30 Frame
	Port Setting 911 - 912 Change Port	Font
	☑ Use Web cam Server	
	For using Dynamic IP Web cam Server Property	
	Use Serial Device	Color Font Setup
	Com Port	Etc.
	Transfer Rate	Use Fullscreen
	PTZ Setup	Use Password User Add/Del
	PTZ Port COM1 PTZ Port Com	DVR Running Mode Dvr Normal Mode 🗸
	Transfer Rate BAUD_9600 V Port Setting	E-MAP Path
		E-MAP Path
		Screen Keyboard Rec. Exit

Using TCP/IP

- Check "**Use TCP/IP**" in Check box.

💑 General		
兽 Sensor / Alarm		
🜍 Camera / Motion Detection		
🛫 Audio	Video Input Method	Save Image Quality
🚖 Schedule	Display Device Auto Detect 🗸	Image Quality 70
🚸 Recording frame / Holiday	Input Signal NTSC V	Low Quality High Quality
🧼 Storage Space		Low during migh during
🤕 ETC,, (Line monitor / Alert mode)	Communication	Video Record Compressor MPEG4
		Key Frame Term 30 Frame
	Port Setting 911 - 912 Change Port	▶
		Font
	✓ Use Web cam Server	Selected Font: MS UI Gothic
	For using Dynamic IP Web cam Server Property	
	Use Serial Device	Color Font Setup
	Is Modem Device	
	Com Port	Etc.
	Transfer Rate	Use Fullscreen
		🗌 Check Daily Reboot 오후 5:48:39 🖕
	✓ PTZ Setup	Use Password User Add/Del
	PTZ Port COM1 🗸	DVR Running Mode Dvr Normal Mode V
	Transfer Rate BAUD_9600 V Port Setting	
		E-MAP Path
		Screen Keyboard Rec, Exit

Web Cam Server

Using a WebCam Server

Even if you have no client program at the remote site you can watch images to using a web browser. Check "Web Cam Server" for this function.

💑 General			
Sensor / Alarm			
Camera / Motion Detection			
🔮 Audio	Video Input Method		Save Video Quality
🚖 Schedule	Display Device	Direct Draw	Video Quality 70
🐟 Recording frame / Holiday	Input Signal	NTSC	Low Quality High Quality
🖙 Storage Space			
😔 ETC., (Line monitor / Alert mode)	Communication		Video Record Compressor MPEG4
IP-Surveillance M/C	Use TCP/IP		Key Frame Term 🛛 🚽 30 Frame
	Port Setting 911	- 912 Change Port	
	✓ Use Web cam Server		Font
			Selected Font:MS UI Gothic
	For using Dynamic IP	Web cam Server Property	
	Use Serial Device	Web cam Server Property	
	Is Modem Device		Font Setup
	Com Port	Web Cam Server Port 80	•
	Transfer Rate	Web Cam Server FPS	II Screen
	·		30 Fps Daily Reboot 오후 12:14:04 🌍
	✓ PTZ Setup		ssword User Add/Del
	PTZ Port COM1	Save and Exit Exit	
	Transfer Rate BAUD_9	600 V Port Setting	ing Mode Dvr Normal Mode 🗸
	mansier nate BAUD_9		E-MAP Path
			Screen Keyboard Rec. Exit

The value of default port is 80, but the user can change the value of the default port. If there is no display of the image, due to the firewall.(The remote user can connect the webcam server to the recorder without the network administrator authorization.

Note:

For broadband T1 and Dial up Connection

The user sets up the frame rate according to the communication speed of the on line connection. The maximum number of frames that can be viewed is 30fps. The higher the fps the more CPU resources will be needed from the server.

Therefore, the user can adjust the fps speed of upload from 1fps for PSTN Dial-up modem or less than 300Kbps, 2fps for 512Kbps and 30fps for 10Mbps on the basis of 4 channels.

℁If you used WebAgent when you changed Web Server Port, WebAgent should be reinstalled.

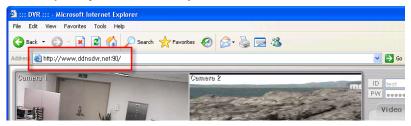
For Using Dynamic IP

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

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

ddnsdvr.net is support dynamic ip, and that is DDNS(Dynamic Domain Name Server) only for our dvr product.



1) Register Dynamic IP (DDNS web server)

- First, verify the network connection and Internet connection is working.

- Check "For using dynamic IP" in Check box.
- You can see "DVR AGENT" window, Click "Dynamic IP."
- clicked "Using Dynamic IP".
- In "DVR Name" key in a characteristics name instead of IP address and click "Apply".

🖂 General		
兽 Sensor / Alarm		
🜍 Camera / Motion Detection		
🕺 Audio	Video Input Method	Save Video Quality
🚖 Schedule	Display Device Direct Draw	Video Quality 70
🚸 Recording frame / Holiday	Input Signal NTSC 🗸	Low Quality High Quality
🥪 Storage Space		Low county ingli county
🤕 ETC., (Line monitor / Alert mode)	Communication	Video Record Compressor MPEG4
OrP-Surveillance MYC		Key Frame Term 30 Frame
	Port Setting 911 - 912 Change Port	◆
		Font
	✓ Use Web cam Server	Selected Font MS UI G
	For using Dynamic IP yeb cam Server Property	
		Register DVR Name
	🔲 Use Serial De 🖳 DvrAgent Recorder	
	Is Modem De AutoUpdate Dynamic IP Info View	
	Com Port 🛛 🔽 Using Dynamic IP	
	Transfer Rate DVR Name :	
	Register DDNS :	If you click "Register," DVR Agent
	PTZ Setup Mac Address IP Addres	
	PTZ Port 0	. ³⁹ tries to connect your DDNS Web
	Transfer Rate	
	Apply	Server and register.
		Screen Keyboard Rec, Exit

If you set correctly, this window is popped up.



Auto Update

1) Auto Update Setup

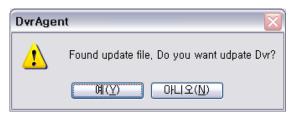
- 1. Set Update server address, port, Server's your ID and Password.
- 2. Click Apply, DVRAgent try to connect to Auto Update.

🖳 DvrAgent Recorder	×
AutoUpdate Dynamic IP Info View	
🖓 Using Auto Update	
Address:	
Port: 🔽 🔽 Use PASVMode	
ID: 🔽 Anonymous	
Password :	
Apply	

2) Auto Update Request

(1). When Auto Update 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.

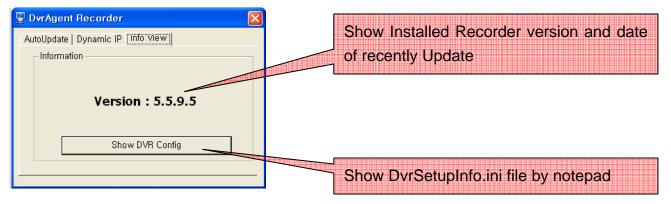
If Auto Update Client finish download, show "Transfer Manager" for downloading status And ask user to install upper version of EverSecu

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

<u>T</u> ransfer <u>E</u> dit			
Filename	Host	From To Status Prog	jress 🔼
🗟 DVR HELP, pdf	192, 168, 10, 3	/home/inetdvrbe C:₩download₩i Downloading	=
👝 <folder></folder>	192, 168, 10, 3	home/inetdvrbet,,, C:\download\i,, Queued	
🛅 <folder></folder>	192, 168, 10, 3	home/inetdvrbet, C:₩download₩i Queued	
🛅 <folder></folder>	192, 168, 10, 3	home∕inetdvrbet, C:₩download₩i, Queued	
🛅 <folder></folder>	192, 168, 10, 3	home∕inetdvrbet, C:₩download₩i, Queued	
🛅 <folder></folder>	192, 168, 10, 3	home/inetdvrbet,,, C;₩download₩i,,, Queued	
🖻 DATA, TAG	192, 168, 10, 3	/home/inetdvrbe C:₩download₩i Queued	N
	100 100 10 0		>
	Í	AutoUpdateClient	
		Complete download file. Do bou want udpate Dw? You run DVR by manualy when finish to update.	
Wetco This pr compu- tria teoregia record Deb Careed to a	ne to the NASOVIT Recoder Selve region will install AreOVIT Recoder to Selve program. I Setue profession. I Setue profession.	PUES(Y) NO (N)	
History House	ogram will install RefDVR Recorder tex. In Setup program. It Setup and then close any program ck. Next to continue with the Setup p program is protected by copyright la	PUES(Y) NO (N)	
Lis stongly record before nurving the click Lancel to an here surving.	ogram will install RefDVR Recorder tex. In Setup program. It Setup and then close any program ck. Next to continue with the Setup p program is protected by copyright la		

3) Information Viewer page

This is helpful for reporting and checking your DVR system information. It's shown every information about your DVR's setting and condition



Using Serial Device

- Check "Use Serial Device" in check box.

- Set up communication port and transfer rate.

Communication
Use TCP/IP
Port Setting 911 - 912 Change Port
☑ Use Web cam Server
For using Dynamic IP Web cam Server Property
✓ Is Modem Device
Sem Port COM1 Find Modern
Transfer Rate BAUD_57600 🖌

Using PSTN (Public Subscriber Telephone Network) Dialup Modem.

- Check "Use serial device" in check box.
- Check "In Modem device."
- Click "Find Modem" or set up communication port.
- Set up "Baud rate"

PTZ (Pan Tilt Zoom)

Set up communication port for control PTZ, transfer rate, parity.

The PTZ Receiver uses RS-485 communication protocol, and you can reserve that port for DVR capture board. "COM1" or "COM2," can only be used for (RS-232C) protocol.

🛛 🗹 PTZ Setup		
PTZ Port Transfer Rate	COM1	Port Setting

EverSecu supports setting each PTZ Receiver by different ID number (in tab "Set up Camera")

Save Image Quality

EverSecu supports MJPEG and MPEG4 algorism.

MJPEG, provides higher image quality, While MPEG4 provides a higher compression rate. When selecting **MPEG4**, you must to set Key Frame term.



Font Set up

User can change font of camera name.

Font	Font style:	Size:	
Arial Black	Italic	12	ОК
O Arial Arial Black O Comic Sans MS Courier O Courier New Fixedsys O Georgia	Regular Italic Bold Bold Italic	9 10 11 12 14 16 18	Cancel
Effects Strikeout Underline Color: Black	Script:	laBbYyZz	
	Western		-

Full Screen Mode

By this setting, you can make DVR running mode as like normal, minimize, and System mode.

DVR Running Mode

Normal Mode:

Minimize Mode: always running with minimize mode display on tray icon.

System Mode: Only DVR is running without any application. So if you turn off DVR, Your computer is shut down.

Etc.	
🔲 Use Full Screen	
Check Daily Reboot	오후 1:02:11 🍦
🔲 Use Password	User Add/Del
DVR Running Mode	Dvr Normal Mode 🛛 🔽
E-MAP Path	Dvr Normal Mode Dvr Minimize Mode Dvr System Mode

Daily Reboot Feature

When the daily reboot function is checked, the system will automatically reboot itself at the prescribed time. When systems are running for long periods of time they tend to accumulate very large memory files which can cause the system to freeze up. This feature is very useful for assigning dates and times to automatically reboot the system.

Use Password

Only authorized person can use the set-up page to change contents or shut the down. Default User ID/Password is "Administrator/Admin," "Anonymous/Guest"

It's necessary to set authorizations for other User ID's operation and Remote Access. Specially, "Anonymous/Guest" is important when you used WebCam Server.

When you accessed Webcam server, the Server will be start to find "anonymous." If the User ID is existed, the Server is checked channel which camera channels are shown by server setup.

Otherwise, If there is no ID:Anonymous (ex, ID:Anonymous was Erased), every camera is not able to access by anyone.

User Add/Del

To register new user, click "**User Add/Del**" button, and then click "**Add new user**." Insert new ID and Password about new user. In user authority, "**allow multiple Access**" have the function that multi user can do simultaneous access.

However, supervisor is not permitted multiple accesses (Person that have authority of run/end, set up it.)

💑 General	User List
Sensor / Alarm	
🜍 Camera / Motion Detection	User ID Class
🕺 Audio	Administrator Administrator Save Video Quality
🚖 Schedule	Video Quality 70
🚸 Recording frame / Holiday	Low Quality High Quality
🥪 Storage Space	
🥶 ETC,, (Line monitor / Alert mod	Add General User Save and Exit Video Record Compressor MPEG4
⊘ IP-Surveillance M/C	Key Frame Term 30 Frame
	Port Setting 911 - 912 Change Port
	Font
	Add General User
	New ID : test OK
	New Password : Font Setup
	Confirm Password : Cancel
	Privilege Setup DVR. Run / Exit Run Setup
	Beboot 2 \$\$ 115:08
	Camera Setting d User Add/Del
	Allow multiple access DTZ and DO
	Port Setting Camera #2
	Transfer Rate BAUD_9600 V Camera #3
	Camera #4
	✓ Camera #6
	Camera #7 yboard Rec. Exit
	♥ Camera #8
	Camera #10
	I ⊂ Camera #11 I ⊂ Camera #12
	Camera #12
	Camera #14
	I ⊂ Camera #15 I ⊂ Camera #16
	Camera #10

Sensor/Alarm

This section defines the sensor/alarm action.

EverSecu supports 2 type of Sensor/alarm action.

"X": If sensor works, record those images according to schedule.

From above "x," click right mouse, you can use extension functions (Preset, Light On, User Operation).

When PTZ was supported,

"P1 ~ P16": When sensor works, camera operates to preset location.

"L": When sensor works, turn on light.

"U": This function controls the Aux 5 of PTZ Controller from user operation.

As above, only PTZ controller is supported. If not so, and you use to alarm control in DVR Board, you can click alarm number connected with sensor number. You can set up one sensor/alarm or sensors/ an alarm.

1	2 3	4	5 6		8		10	11	12	13	14	15	16		4	5	7	9	10	11	12	13	14	15	16
Camera 1 0																									
Camera # 2	۲ Pr	eset	•	P	res	et 1		7																	
Camera # 3		z Au:	×1	· ·	resi			Γ																	Γ
Camera # 4	Pt	z Au:	x2	P	res	et 3		F						 											
Camera # 5	Pt	z Au:	xЗ		res			F						 	 		 	 							-
Camera # 6	– Pta	z Au:	IX4 Preset 5				F						 			 								⊢	
	_			1	res			F						 											-
Camera # 7					res			L						 											
Camera # 8					resi			L																	
Camera # 9						et 10	ı																		
Camera #,						et 11																			
Camera #				Preset 12 Preset 13	Preset		F																	F	
Camera #						3	F									 	 							-	
Camera #						et 14		F						 	 		 	 							⊢
				1		et 15		F						 			 								-
Camera #,				P	res	et 16	<u>}</u>	⊥						 											
Camera #																									
Camera #																									

You can set NC (Normal Close), NO (Normal Open) and Alarm out duration. Digital out is worked by event on schedule, during how long time you set. It's not worked when you switched digital out.

1 2 3	4 5		7	8 9	10	11	12	13	14	15	16	1				5					1 11		13	14	15
Camera# 1												0													
Camera# 2												0)												
Camera# 3	setup N		0	Nick	Son	cor	0000	hor						F	Fors	setu	p al	arm	out	dura	ation	Cli	ck [0/0	
Camera# 4	Secupin	00, N	0.	JICK	Jen	501 1	num	ibei												num					
Camera# 5													1												
Camera# 6		Die	utia	I Ou	t Di	urai	tion								X										
Camera# 7	Digital Out Duration																								
Camera# 8				Use L	Digita	alOu	t Du	ratio	<u>n</u> j																
Camera# 9			-				-0						30 S	Sec											
Camera# 10							× .				53														
Camera# 11																									
Camera# 12				Sa	ve a	nd E	Exit				E	xit		1											
Camera# 13			_		_	_		_		-	_		_	,											
Camera# 14																			1						
Camera# 15	0																								
Camera# 16																	1								
	tori si li	d de ser de se																							

Set up camera connection and resolution

EverSecu program can identify camera signal automatically though the camera connected. When you do not see images (because of camera broken, disconnection of a cable),"Video loss" will occur at local or remote monitoring center. The recording resolution is supported by 352X240, 704X240, 704X480 on NTSC, 384*288, 768*288, 768*576 on PAL. "**Don't display**" is a function that will not display on *EverSecu* Screen, but will continue to record on the DVR.

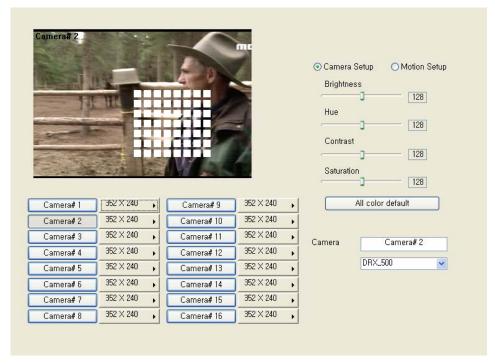
Camera#1	352 X 240	Camera# 9	352 × 240 ,
Camera# 2	Disconnect	Camera# 10	352 × 240 ,
Camera# 3	352 × 240 704 × 240	Camera# 11	352 × 240 ,
Camera# 4	704 × 480	Camera# 12	352 × 240 ,
Camera#5	Don't Display	Camera# 13	352 × 240 ,
Camera# 6	352 X 240 ,	Camera# 14	352 X 240 ,
Camera# 7	352 × 240 ,	Camera# 15	352 × 240 ,
Camera# 8	352 × 240 ,	Camera# 16	352 × 240 ,

Masking function

Masking function is for protect privacy, When camera capture image has some area not to display for privacy, if you set some area, the area is displayed by mosaic image.

Setting masking area is clicking left mouse button and dragging where you want to set area for masking on "Camera setting," Setting free masking area is clicking right mouse button and dragging.

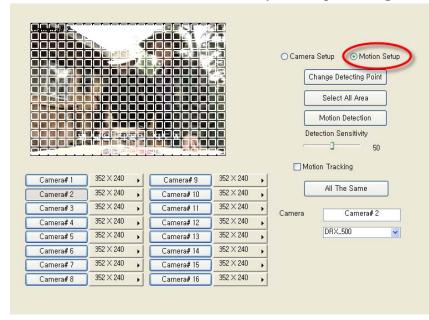
< After Setting free masking area, a block of masking area is left, that'll be set free when you go back to main screen.>



Camera/Motion Detection

To set up the Motion detection area, click and drag the left mouse button. To cancel the area, click and drag the right mouse button. Clicking on the "**Detection sensitivity**" button, you can control the sensitivity of Motion Detection.

Also if you couldn't notify Motion detection area very well, you can change the color of Motion detection area to other color by clicking "**Change detecting point**"



Set up types of PTZ Receiver

You can set up different types PTZ receivers.

Camera # 2	*			
		41		© <u>Camera Setup</u> ○ Motion Setup Brightness
	11	LXA		Hue
		i.		Contrast Saturation
Camera 1	Disconnect	Camera # 9	Disconnect ,	All color default
	352 × 240	Camera # 10	Disconnect	
Comoro #2		Califiera # 10		
Camera # 2 Camera # 3	Disconnect ,	Carnera # 11	Disconnect 🔒	C
	Disconnect , Disconnect ,	Carnera # 11 Carnera # 12	Disconnect	Camera Camera # 2
Camera # 3				Camera Camera # 2 Pelco_D 💌
Camera # 3 Camera # 4	Disconnect ,	Carnera # 12	Disconnect ,	
Camera # 3 Camera # 4 Camera # 5	Disconnect , Disconnect ,	Camera # 12 Camera # 13	Disconnect , Disconnect ,	

Set up Audio

This function is a part that set voice sensitivity compounding camera. User can set up camera and audio environment to use audio. Click camera #1 button Setting audio, Icon of speaker shaped come out in lower column part.

"Audio setting": Lower button is better quality, but file size is getting bigger and bigger.

"**Recording method**": Always recording audio: If you can not click this button, audio will be recorded only when motion detection works.

After connecting a microphone, press "**Audio test**" button, you can see yellow pulse signal. If it sounds too small, you should control "**Gain**" value.

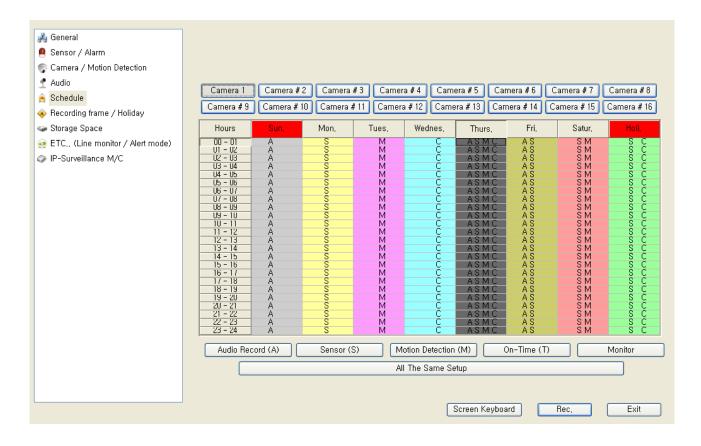
Audio Setting		Recording Method		
1atch Camera Channel : [Camera 1			
	Not Use	Always Record Audio		
16Bit 8KHz 16Bit 16KHz	Camera #1			
16Bit 16KHz 16Bit 32KHz	Camera #2		Dull	Sensitive
	Camera #3	Audio Detection Sensitivity		50
	Camera #4			-
	Camera #5			
	Camera #6			
ADDITION ADDITION (Camera #7			
	Camera #8			
	Camera #9			
	Camera #10			
	Carnera #11			
	Camera #12			
	Camera #13			
	Camera #14			Audio Test
	Camera #15			
	Camera #16	All The Same		

Recording schedule set up

If you wanted to compound schedule with "Audio(A)", "Sensor(S)," "Motion detection (M)", "ON-time (T), after clicked one of those buttons and drag with push on left mouse button.

* If you want to record audio, audio is set up on schedule.

If you want to record external device, sensor is set up on schedule.



Holiday Registration

You can program holidays, to record or not to record on the registered holiday.

	Event Record Setting			Holiday Registration
Camera 1	Pre Alarm Recording Interval	-		
Camera # 2	Term		0 Sec	Holiday Register
Camera # 3	Recording Speed		1 Fps	
Camera # 4	Motion Save Setup			
Camera # 5	Alarm in Detection		4 Fps	
Camera # 6	Recording Speed Post alarm Interval			
Camera # 7	Post alarni interval		0 Sec	
Camera # 8				
Camera # 9	Sensor Save Setup			Marth 1 Day 1
Camera # 10	Recording Speed		4 Fps	Month 1 🔽 Day 1 💌
Camera # 11	Post Alarm Interval		0 Sec	Register Holiday
Camera # 12		Ŷ		
Camera # 13				Delete Holiday
Camera # 14	On Time Save Setup	-		
Camera # 15	Recording Interval between Frames	_	1 Sec	
Camera # 16	Recording Speed		4 Fps	
		All The Same		

Motion Record set up (Each Camera)

To activate "Alarm in Detection" and "Sensor in Detection," click on the check box marked ALARM IN DETECTION.

The post alarm recording may be adjusted from 0 to 60 seconds by sliding the bar forward or backwards. This will allow recording to continue after motion has stopped.

	Event Record Setting			Holiday Registration
Camera 1	Pre Alarm Recording Interval Term	0	0 Sec	Holiday Register
Camera # 2		ž	1.5.	
Camera # 3	Recording Speed	<u> </u>	1 Fps	
Camera # 4	Motion Save Setup			
Camera # 5	Alarm in Detection Recording Speed		4 Fps	
Camera # 6	Post alarm Interval	-	0 Sec	
Camera # 7		V	0.060	
Camera # 8			97	
Camera # 9	Sensor Save Setup			
Camera # 10	Recording Speed	— J —	4 Fps	Month 1 🔽 Day 1 🔽
Camera # 11	Post Alarm Interval		0 Sec	Register Holiday
Camera # 12		~		
Camera # 13	On Time Save Setup			Delete Holiday
Camera # 14	Recording_Interval between	-	1.0	
Camera # 15	Frames	_	1 Sec	
Camera # 16	Recording Speed		4 Fps	
		All The Same		
	<u></u>			

PreAlarm Recording Setup (Each Camera)

You can set the Pre Alarm Recording time from 0 to 10 seconds. This will retain the recording of up to 10 seconds before the event occurs or the alarm is triggered.

Motion Detect Record Setup (Each Camera)

if you want to record image when Motion-Event occur, Check the check box about "Alarm when detected" and set slide bar for recording property.

Sensor Record Set up (Each Camera)

If you want to record image when Sensor-Input occur, Check the check box about "Alarm when signal input" and set slide bar for recording property.

On-Time Record set up (Each Camera)

When On time-Recording occurs, an image is recorded 1frame to 30frames for a second.

Set up storage space

Following the initial installation of the software you must set up your disk storage space allocation. This allocation of storage space is user defined and can be allocated in several different hard discs. Storage space is displayed in 3 types.

Application space: Space that installed OS, DVR Program and some Application program.

Already Created data space: Space that set already to data space of DVR.

Able to create data space: Data space except reserved user free space in empty space of drive.

** Notice: Free Drive space is necessary for the stability of your system to work well. So when DVR shows Free Drive Space, DVR calculate Free Drive space except the Space for the System Work.

-See the pie chart for making "Storage Space."

-Select Driver where you to make storage space to save recording data.

-Move slide bar to how big size you want.

-Check select box and click "Make Storage Space."

(This picture is for making 80% Data storage space on E Drive)

					0.19 0.
				97.1%	2.9
otal Dis	k				
					0.1%
		82.8	%		17.1%
	space / Total availab				17.1% 64 MB / 2190 N
Dri	ive Select	lle space			
Dri Drive	ive Select Total Drive Space	ile space	Data Drive Space	Select	64 MB / 2190 N
Dri	ive Select	lle space			64 MB / 2190 N

-If making data storage space is done, the area color is changed to pink

	(C:) (D:)	Application Space Choice Disk	<u>Created space</u>		ace to create	<u>Free Space</u> 0.1%
						0.0
				97.1%		2.9%
Total Dis	k	-				
					0.	.1%
)VR data	space / Total availab	82.84	%			17.1%
	ve Select	le space 🚺				
Drive	ve Select Total Drive Space	le space 🔽	Data Drive Space	Select	Notice	64 MB / 2190 M
Dri Drive C:	ve Select Total Drive Space 39997 MB	le space Free Drive Space 17498 MB	Data Drive Space 0 MB		Notice	64 MB / 2190 M
Drive	ve Select Total Drive Space	le space 🔽	Data Drive Space	Select	Notice Select, want to selection chec Storage Space medium is not dosen 't execut	64 MB / 2190 M
Dri Drive C:	ve Select Total Drive Space 39997 MB	le space Free Drive Space 17498 MB	Data Drive Space 0 MB		Notice Select, want to selection chec Storage Space medium is not dosen 't execut	

Using Line Monitor

You can connect an additional monitor to view the camera activity using the TV OUT RCA connection on DVR board. Select the line monitor function to display the desired camera output. The images then are displayed in full screen by rotation.

Order of Channel Switching Camera 1 Camera # 2 Camera # 3 Camera # 4 Camera # 5	 ✓ Camera 1 ✓ Camera # 2 ✓ Camera # 3 	Use Time Period 오전 12:00:00 💿 오후 11:59:59 📚
Camera # 2 Camera # 3 Camera # 4	Camera # 2	오전 12:00:00 🔹 오후 11:59:59 📚
Camera # 3 Camera # 4		
Camera # 4	Camera # 3	
Camera # 5	C California II C	Alert State
	🗹 Camera # 4	In Sensor Sound Setting
	Camera #5	Motion Detection Sound Setting
	🗖 Camera # 6	Camera Loss Sound Setting
	Camera # 7	Auto Release Alert Event
	🗖 Camera # 8	
	🗖 Camera # 9	Connect to Host Program
	Camera # 10	IP Address
	🗖 Camera # 11	IP Address
	🗖 Camera # 12	
	🗖 Camera # 13	
	Camera # 14	
	📃 Camera # 15	Notify E-Mail
	📃 Camera # 16	Mail Detail Setup
Channel switching interval-		To e-mail
	3 Sec	From e-mail

* If you make system with more than two pieces of board, you have to connect monitor to Line monitor port of each board.

Using Alert Mode

When sensor input is triggered, or detects motion from server system with registration of pre-designated client communication address, the detected data information is transmitted with alarm to predestinated remote multi viewer when connecting in a network.

Order of Channel Switchir	-	Use Time Period	
Camera 1	Camera 1	오전 12:00:00 🍨	오후 11:59:59 🛛 🛓
Camera # 2 Camera # 3	🗹 Camera # 2		
Camera # 4 Camera # 5	🗹 Camera # 3	Alert State	
Camera # 5	🗹 Camera # 4	In Sensor	Sound Setting
	Camera # 5	Motion Detection	Sound Setting
	🔲 Camera # 6	Camera Loss	Sound Setting
	🔄 Camera # 7	Auto Release Alert Ever	
	🔲 Camera # 8	Auto Helease Alert Lver	п
	🔲 Camera # 9	Connect to Host Program —	
	🔲 Camera # 10	IP Address	0 🗢
	🔲 Camera # 11	IP Address	
	🔲 Camera # 12		
	🔲 Camera # 13		
	Camera # 14		
	📃 Camera # 15	Notify E-Mail	
	📃 Camera # 16	Mail Detail Setup	
Channel switching interva		To e-mail	
	3 Sec	From e-mail	
—		i tom e mai	

Auto Release Alert Event

To release an alert event automatically, check the Auto Release Alert box.



Notify E-mail

As detecting sensor, motion set in alert mode, Final image of camera and log data detected is informed to assigned E-mail address.

(For example: "dvr@dvr.com;bbb@dvr.com.net;mail;ccc@dvr.com")

der of Channel Switching Camera 1 Camera # 2 Camera # 3 Camera # 4 Camera # 5	 ✓ Camera 1 ✓ Camera # 2 ✓ Camera # 3 ✓ Camera # 4 	♥ Using Alert Mode Use Time Period 오전 12:00:00	오후 11:59:59 📚 Sound Setting
	Camera # 5	Motion Detection	Sound Setting
e-mail Prope	ty 🛛	Camera Loss	Sound Setting
Out going Mai Server Use Use ID Password	evervision, co, kr Authorization aaaa •••••	Connect to Host Program IP Address IP Address	
Anil Service Inter	1 Minute	Votify E-Mail Mail Detail Setup To e-mail From e-mail	

Integration with IP Surveillance (NVE04, IP Camera)

✗ if you use 16120R, 16240R, 16480R, IP camera setup is not displayed. ▮

By those cards specific properties, EverSecu can't use those cards with other IP surveillance.

EverSecu ver 5.5, can integrate with PC_based DVR, ESNVE04 and IP camera.



This setup page is for setting **ESNVE04** and IP camera up.

On EverSecu ver 5.5, can integrate with analog cameras, **ESNVE04** and IP camera.

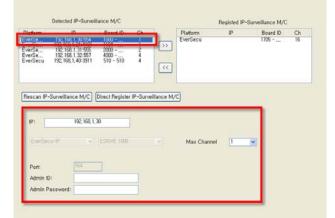
General General General Camera / Alarm Camera / Motion Detection Audio	Detected IP-Surveillance M/C Registed IP-Surveillance M/C
🚖 Schedule	Platform IP Board ID Ch Platform IP Board ID Ch
Recording frame / Holiday	EverSe 192,168,132:557 4000 4 EverSe 192,168,130:554 1000 1 EverSecu 192,168,140:3911 510 - 510 - 510 4
Storage Space	EverSecu 192 168 1 40:3911 510 - 510 4 EverSe 192 168 1 31:556 2000 - 1
ETC., (Line monitor / Alert mode) IP-Surveillance M/C	EverSe www.ddndvr.net:554 1000 1 EverSe 192,168,1,21:4101 1104 1
	Rescan IP-Surveillance M/C Direct Register IP-Surveillance M/C
	IP:
	Max Channel
	Port: (Default 2000) Admin ID:
	Admin Dassword:
	Screen Keyboard Rec, Exit

Register NVE04 and IP camera

It will be scanned and displayed automatically all of IP Surveillance on Local area network.

lation	ID	Roard ID	Ch	Platform	IP	Board ID	Ch
verSe 192,168 verSe 192,16 verSe 192,16	8, 1, 30: 554 8, 1, 21: 4101 8, 1, 31: 555 8, 1, 32: 557 8, 1, 40: 3911	1000 1104 2000 4000 510 - 510	1 2 4 4	EverSecu		1705	16
escan IP-Surveilla	nce M/C	Direct Register	IP-Surveillance M	VC.			
IP:							
			100	Max Channel	16 💉		
	100						
Port:	80]					
Port: Admin ID:						L.	

When you select an item on list, you can get information about the IP Surveillance.



After you write the IP Surveillance's ID and password, you can register the IP Surveillance on your **EverSecu** by Clicking ">>" button.

ersen. 192:168.1.91555 2000 2 ersen 192:168.1.9557 3000 2 ersen 192:168.1.40:591 510 - 510 4 ersen 19-Surveillance M/C) Direct Register IP-Surveillanc IP: 182:168.1.30 EverSecureP V ESTIVE 1000 V	attorm	IP	Board ID	Ch		Platform	IP	Board ID	Ch
IP: 182.168.1.30	erSe erSe erSe erSecu	192, 168, 1, 31:555 192, 168, 1, 32:657	2000		» «	EverSe 192	168, 1, 30-554	100	10
				r IP-Surve	illance M/C)			
	EverSec	HP (v)	ESNVE 1000			Max Channel	1 .		
Polo	Port:	554							
Admin ID: root Admin Password: ••••									

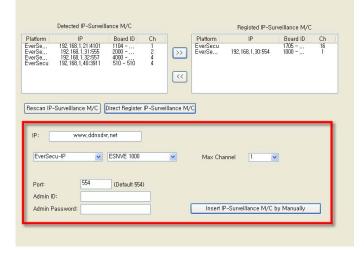
If you finished registry of IP Surveillance, you can get image from IP Surveillance as same as analog camera. But, if you could not get a IP Surveillance list on setup page, need to input that information manually. In NVE04 case, NVE04 is not on same network, so you have to set NVE04 information manually.

In this time, you should not check "custom IP camera."

In IP camera case, you have to set IP camera information manually on this page Check "Custom IP camera" and set other information

Then Click "insert device manually"

When you finished registering IP camera or NVE04, you have to enter setup page again for matching IP camera and NVE04 to each channel on EverSecu.



Changing NVE04's IP information

If you want to change **NVE04**'s IP, edit IP and write ID and password.

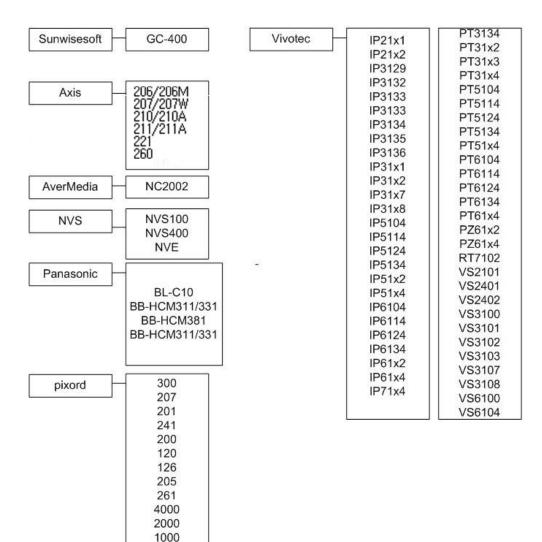
After edit some information, click the button"**NVE04** Update Info". And then, if you get this message box, setting for **NVE04** has done completely

latform	IP	Board ID	Ch		Platform	IP	Board ID	Ch
verSe verSe verSecu	192, 168, 1, 21:4101 192, 168, 1, 32:557 192, 168, 1, 40:3911	1104 4000 510 - 510	1 4 4	>>	EverSecu EverSe	192, 168, 1, 30:554	1705 1000	16 1
Rescan IP	-Surveillance M/C	Direct Register	IP-Surve	illance M/	3			
IP:	DVRSET~1	ou want to ins			emove operat	ion is manually.		
IP:	DVRSET~1	ou want to ins	ert other c	camera? Re	emove operat			
IP:	DVRSET~1 Do y	ou want to ins	ert other c	camera? Re	emove operat			

Direct Register IP-surveillance M/C

EverSecu is supported some specific IP surveillance as like IP camera, Network Video server. EverSecu is provided with several IP surveillance companies/

As NVE manual registration, select IP surveillance which you have, and set those IP address and other properties and click" insert device by manually"



Integration PCI type card and IP surveillance

When you use your PCI type capture card and IP surveillance, you can control PCI card's channel count. Even the PCI card has 16 channels video input **EverSecu** is not support over 16 channel yet]

For example,

Monitoring 16 channel with NVE4000 and a IP camera

- ① Enter IP camera setup page.
- ② Click "PCI" at a list on right side
- ③ Select number which you want to assign count for PCI card on "Max channel" In this case, Max Channel set 13.

13 channel from PCI + 4 channel from NVE 4000 + 1 channel from IP Camera.

Detected IP-Surveillance M/C		Registe	d IP-Surveillance M/C
Platform IP Board ID	Ch	Platonn ID	Dourd ID Ch
EverSe 192 168,1.30:554 1000 EverSe 192 168,1.21:4101 1104 EverSe 192 168,1.32:557 4000 EverSe 192 168,1.31:555 2000 EverSe 192,168,1.40:3911 510 - 510	1 4 2 4	EverSecu	1705 16
Rescan IP-Surveillance M/C Direct Register I	IP-Surveillance M/	<u>′C</u>	
IP:	EverSecu	1705	16
	Y	Max Channel	×
Port: 80 Admin ID: Admin Password:		Insert IP-Surve II 11 11 11 13 13 14 15	

④ Click "NVE4000" at a list on left side and click to add

Detected	IP-Surveilla	nce M/C				Registed IP-Su	irveillance M/C	
verSe 192,168, verSe 192,168,	P 1,21:4101 1,32:557 1,31:555 1,40:3911	Board ID 1104 4000 2000 510 - 510	Ch 1 4 2 4	>>>	Platform EverSecu EverSe 1	IP 92, 168, 1, 30:554	Board ID 1705 1000	Ch 16
Rescan IP-Surveillan	192, 168, 1, 30	irect Register	IP-Surve	eillance M/(Max Channe	1 1 1	•	
Port: Admin ID: Admin Password:	554 root							

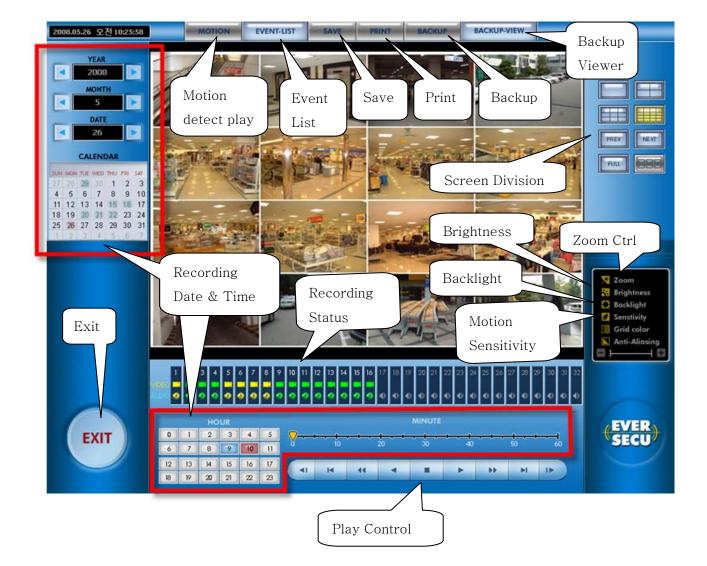
- 5 Click "Direct Register IP-surveillance M/C" to add IP camera
- 6 Select IP camera's Provided company and Camera Model on the box.
- 1 Set IP address and other properties and click "Insert Device by Manually"

Detected IP-Surveillance M/C					Registed IP-Surv	veillance M/C		
Platform EverSe EverSe EverSe	IP 192, 168, 1, 21:4101 192, 168, 1, 32:557 192, 168, 1, 31:555	Board ID 1104 4000 2000	Ch 1 4 2	>>	Plationn EverSecu EverSecu EverSecu EverSe	192, 168, 1, 30:554 192, 168, 1, 40:3911 www.ddnsdvr, net:554	Board ID 1705 1000 510 - 510 2000	Ch 16 1 4 1
				<<				
Rescan IP-	Surveillance M/C)irect Register II	P-Survei	llance M,	/C			_
IP: EverSec	www.ddnsdvi u-IP	net ESNVE 2000		*	Max Ch	annel 1 💌]	
Port:	554	(Default 554)						Т
Admin ID Admin Pa	assword:				Insert	IP-Surveillance M/C b	y Manually	

- 8 Exit from setup page
- ④ Click "Setup" button and enter "Camera/Motion" for checking camera connection.[If you exit without checking, some camera connection is lost]
- 10 Exit from Setup page.

Local Viewer (Search)

Screen Overview



Running Search program

From main screen click "Local Viewer (Search)" button.

Choice Date and Time

The Date has data, is marked in highlight on displayed calendar. Also the time is marked in highlight on selected date;

Click the date and time, and the time which has data, is colored blue. Click on the blued data to display the data to the screen.



Choice channel

After selecting the date and time, all channels are displayed on screen at first time. If you wanted to search one channel, click the mouse on a channel window you want. The window will be outlined red box. All controls will work only within the selected channel.

Play operation The slide bar of play panel corresponds to one hour. (The selected time) Play Fast Play Move to the last frame 1 Frame Play 44 4 14 ... H . D 1 Frame reverse paly Move to the first frame Fast reverse play Stop Reverse play

First End	It displays the first image of selected time.
1 Frame Backward	Backward retrieval per a 1 frame unit
Backward	Backward retrieval. The image recorded by MPEG4 is skipping the image of key frame unit to next key frame. Fast backward is same.
Fast Backward	Fast backward retrieval.
Stop	Stop to play image
Fast Forward	Fast forward retrieval. The speed is a selected what times speed you selected.
Forward	Normal speed retrieval
1 Frame Forward	Forward retrieval per a 1 frame unit.
Last End	It displays the last image of selected time.

Screen division

EverSecu's retrieval program supports 1, 4, 9, 16 division screen. Press division button that you want, and display that screen.

Thumb-nail Search



You can get the archived images to control the time interval by 10 minutes or a minute. On a single screen division, if you click thumb-nail search button, you get images by each 10 minutes during a selected hour. And if you click again the button, you get image by a minute.

So you can find and search some specific image easily and fast.

1. Select a channel and make the channel single division.



2. On single division mode, the thumb-nail button can be available.

You can see this below image after clicking thumbnail button.

This picture is for 10 minute time interval thumb-nail.

If you click one more time, the thumb-nail period will be changed the time interval of 10 minutes to a minute.



Change property of a selected channel

Each button is enabled when a channel is selected.

if you want to change each property of the channel, move the slide bar to + or - .

Also left/right arrow key is able to move slider bar.

If you toggled each button, the property is reset.

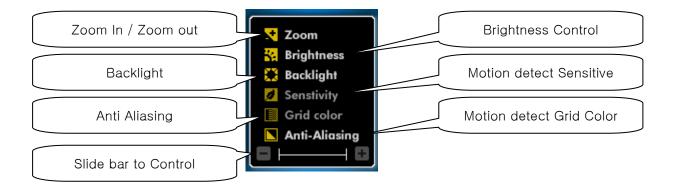
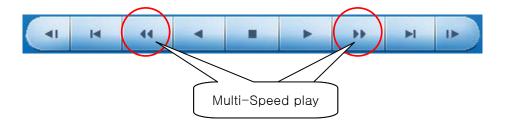
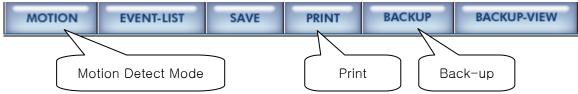


Image Zoom in / Zoom out	If you move slide bar to +/-, Image on selected channel is enlarged.
Control the brightness of Image	The Brightness of image is selected, is controlled by moving sliding bar
Control Backlight of Image	The backlight is adjusted on Image
Control Sensitivity of Motion Detection	sensitivity of motion detection increases or decreases the Image
Motion detect Sensitive	Motion detection Grid Color is changed
Anti - Aliasing	If you clicked anti-Aliasing, image is changed more softly

Multi Speed play



If you want to watch recorded data on Fast Forward/Fast backward, or watch the Data flame by flame, Set the display speed to what do you want(1x speed play is default.) and then clicked Fast Forward or Fast Backward button.



Each Button is enabled when a channel is selected

Save

To save an image, press "SAVE" button.

The selected channel will be saved as a file format of "camera#_data_time.JPG".

Print

Press this button to preview the image. Press Print again to print the image.

Motion detect retrieval Mode

To retrieve data that has been recorded during motion detection of a defined area of the screen, click left mouse button and drag the area you want to review view.

To cancel this function is clicked right mouse button and drag the area you want to review view..

Change the color of motion detection area

As the color of motion detection area is difficult to distinguish against the background color in the image, you can change the color of the detection area. To activated the color change click on the grid color button and adjust the slide bar to change the color.

Change the sensitivity of motion detection

To activated the sensitivity of motion detection click on the sensitivity button and adjust the slide bar to change the sensitivity.

Bac	k	u	р		
Construction of the local division of the lo			÷1.	-	-

Backup - Camera #1		×
1/29/2008 2:00 PM	~ 1/29/2008 🖌 2:05 PM	•
Selected drive : OAVI ODAT CD Burning	✓ Default Codec Quality : ──── ☐ Audio Sync Speed : ────	65
Select backup range a	and drive. Then click 'Start' button.	
	Start Exit	

1. AVI Back UP

EverSecu support the file format of AVI for Multimedia use with Windows OS.

- The starting and ending time of the data back up should not exceed 600MB.
- Select the drive that you want. If you want to back up in CD, you should have the software such as "Direct CD," and select the "CD" drive to back up.
- And select CODEC, the basic CODEC is MPEG4. If you do not select "Default Codec"

in check box, a list of installed CODEC will be displayed, select the CODEC that you want.

- set Recording Frame per second and recording quality.
- Click the "Backup" button, start it.

2. DAT Back up

DAT Back up is a method that back up the raw data of *EverSecu*,

To invoke the feature;

- Check "DAT" in Check Box.
- Key in the start time and the end time.
- Select the drive letter that you want to back up.
- Click the "Backup" button, and start.

3. CD Burning

If you have a CD writer, you can backup in CD with this function.

- Insert Blank CD
- Check "CD Burning
- Click the "Backup" button, and start.

4. Playback of DAT' data

- When EverSecu make Backup Data, Backup Viewer is copied to the backup folder.
- Press the "Backup View" button
- The function key controls are the same as retrieval program.
- If user wants to check backup data from other computer, user has to install "Backup Viewer" by installation CD, and search data.

Retrieval Event List

This function includes the running time and end time of DVR system, the controlled contents for running time and the event of sensor in action.

If you want to return another function from "Event List," click again the *EverSecu* button (Toggle Button). When you want to display the image, double click the event that you want, and then come out the retrieval screen, display the image that event occurred. (If the image at that time is not recorded, no change the screen.)

"Today Event": Display today event on Event List

"Day Unit Event": If you clicked on "Day unit Event," date list is shown on left side. And then clicked which day you want to search, event list is shown on right side.

"Search Special Event": This function is that you want to see the event in particular.

You can see by "Set up period," "Search filter."



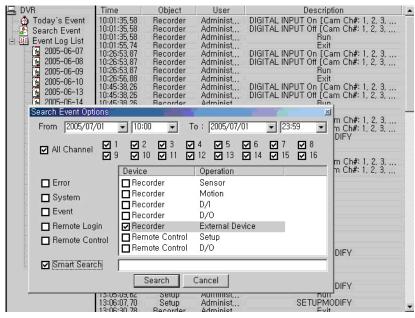
Keyword Search [when it used External device]

If *EverSecu* is connected with, and communicated with some External Devices (like POS, ATM etc...), all data which is analysis, is able to be recorded.

In this case, so many data was recorded, it is hard to find some specific data on List.

Keyword search gets data with more detail condition easily.

Click "Search Special Event"



Select external device and put a keyword what you want to find in recorded data list, *EverSecu* will make a list that has matched item.

🖳 DVR	Time	Object	User	Description
Today's Event	10:01:35,58 10:01:35,58 10:01:35,58 10:01:35,74	Recorder Recorder Recorder Recorder	Administ Administ Administ Administ	DIGITAL INPUT On [Cam Ch#: 1, 2, 3, DIGITAL INPUT Off [Cam Ch#: 1, 2, 3, Run Exit
2005-06-07 2005-06-08 2005-06-09	10:26:53,87 10:26:53,87 10:26:53,87	Recorder Recorder Recorder	Administ Administ Administ	DIGITAL INPUT On [Cam Ch#: 1, 2, 3, DIGITAL INPUT Off [Cam Ch#: 1, 2, 3, Run
- 🙀 2005-06-10 - 🙀 2005-06-13 - 🙀 2005-06-14	10:26:56,88 10:45:38,26 10:45:38,26 10:45:38,26	Recorder Recorder Recorder Becorder	Administ Administ Administ	Exit DIGITAL INPUT On [Cam Ch#: 1, 2, 3, DIGITAL INPUT Off [Cam Ch#: 1, 2, 3, Bun,
Search Event Opti	ons			×
From 2005/07/	/01 💽 10:	00 • T	o : [2005/07/0	11
🗹 All Channel		2 13 1 10 11 1		
	Devic	e	Operation	m Ch#: 1, 2, 3, n Ch#: 1, 2, 3,
Error	Rec		Sensor	
	H Rec	corder	Motion	
System	Rec	corder	D/I	
Event	🗖 Red	corder	D/0	
🗖 Remote Log	the second se		External Dev	vice
🗖 Remote Cor		note Control	Setup	
		note Control	D/O	DIFY
🔽 Smart Searc				
		Search	Jancer	
				DIFY
	13:05:09,62 13:06:07,70 13:06:30,78	Setup Setup Becorder	Administ Administ	SETUPMODIFY

Directly display archived images on Event log List

If you click the log list and the log has recorded image data, you can see the recorded image through a small screen under date tree.



You can control as backward, forward and stop, to check log and the recorded image on small screen automatically.



Also you can make screen 320*240 size by the button "^".

Page 1 of 1

Print Eventlog List

If you click print button on Log Viewer page, you can print loglist as below picture.

DREC94			Event Log List 07/01/05 21:38:43
A9	নস	User	29
9:11:52.44	Recorder	Administrator	D KGITAL INPUT On (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
9:11:52.44	Recorder	Administrator	D KGITAL IN PUT Off (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
9:11:52.44	Recorder	Administrator	2 <u>2</u>
9:12:15.47	Recorder	Administrator	UPDATE STORAGE [Drive[C]], File Index[2]]
9:13:15.60	Recorder	Administrator	28
9483439	Recorder	Administrator	DIGITAL INPUT On Kam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16]
9,48:34:38	Recorder	Administrator	D KSITAL INPUT Off (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
9:48:34:38	Recorder	Administrator	22
9:57:11:21	Recorder	Administrator	22
10.03.34.87	Recorder	Administrator	DIGITAL INPUT On Kam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16]
10:08:34.87	Recorder	Administrator	D KGITAL INPUT Off (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
10.09:34.97	Recorder	Administrator	22
10.09.53.90	Recorder	Administrator	21
10:09:35:43	Recorder	Administrator	DIGITAL INPUT On (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
10:09:35.43	Recorder	Administrator	D KGITAL INPUT Off (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
10.09:35.43	Recorder	Administrator	22
10.09.40.44	Recorder	Administrator	22
10:21:40.39	Recorder	Administrator	D KGITAL INPUT On (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
10:21:40:39	Recorder	Administrator	D KGITAL INPUT OH (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16]
10:21:40:39	Recorder	Administrator	22
10:21:51.41	Recorder	Administrator	22.
10:51:00.13	Recorder	Administrator	DIGITAL INPUT On (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
10.51.00.13	Recorder	Administrator	D KSITAL INPUT OII (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
10.51.00.13	Recorder	Administrator	2 2
10:51:02.14	Setup	Administrator	22
10:54:27:43	Recorder	Administrator	DIGITAL INPUT On [Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16]
10.54:27.43	Recorder	Administrator	DIGITAL INPUT Of Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16]
10:54:27:43	Setup	Administrator	SETUPMODIFY
10:58:58.91	Setup	Administrator	22
11:30:49.13	Recorder	Administrator	H
11:35:19:39	Recorder	Administrator	DIGITAL INPUT On [Cam CNI: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16]
11:35:19:39	Recorder	Administrator	DIGITAL INPUT Of [Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16]
11:35:19:39	Recorder	Administrator	21
12:06:18:06	Recorder	Administrator	#1
16:02:54:47	Recorder	Administrator	DIGITAL INPUT On (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
16:02:54:47	Recorder	Administrator	DIGITAL INPUT Of [Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16]
16:02:54:47	Recorder	Administrator	21
16:02:59:48	Setup	Administrator	
16:03:18.51	Local Viewer	Administrator	22
16:03:34.53	Recorder	Administrator	24
17:17:29:25	Recorder	Administrator	D KIITAL IN PUT On (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
17:17:29:25	Recorder	Administrator	DIGITAL INPUT Of (Cam Chil: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16)
17:17:29:25	Recorder	Administrator	21
17:17:39.26	Setup	Administrator	21
17:34:09:05	Recorder	Administrator	21

Save Eventlog List to text file

If you click save button, you can make log list to text file.

2005년 6월 8월 수요일



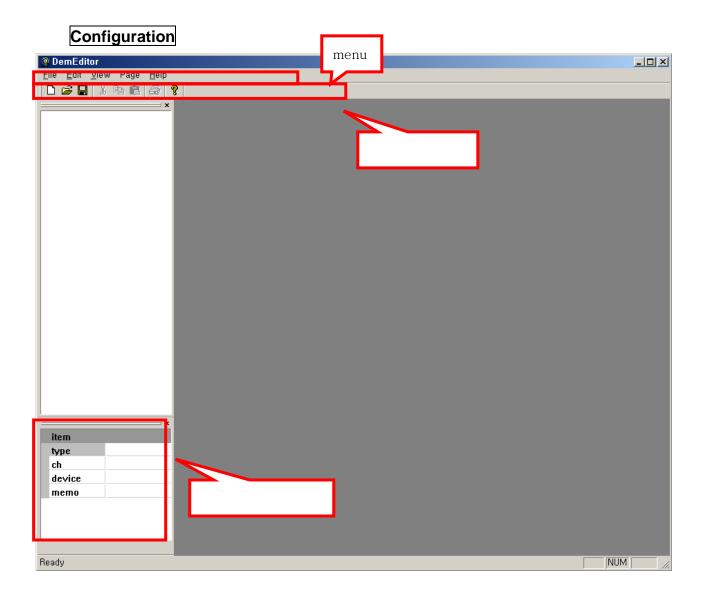
E-Map

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.



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.

Width:

800

ОK

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"

×

..

600

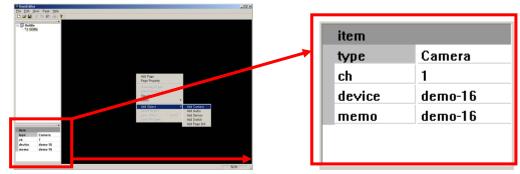
Untitle

Height:

Cancel

1. Camera on Recorder

Set channel on device Information.



3. Warning



4. Link

@ DemEditor	
Eile Edit View Page Help C C C C C C C C C C C C C C C C C C C	
■	
Add Object Delete Object Undo Object Ctrl+Z Object Property	Add Camera Add Audio Add Sensor Add Switch Add Page link
	Abd Page link Link[Untitle]
	Description
¥	OK Cancel
item type ch device	
memo	
	NUM

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

5. Exit

🔮 Der	nEdi	tor			
<u>F</u> ile	<u>E</u> dit	<u>V</u> iew	Page	e <u>H</u> elp	i i
<u>N</u> ev <u>O</u> pe <u>C</u> lo:	en	-	trl+N trl+O		% ×
<u>S</u> av Sav	'e 'e <u>A</u> s,	-	trl+S		
	rt, rt Prej rt Seti	_ iew	itrl+P		
Rec	ent F	ile			
E <u>x</u> it					
				_	

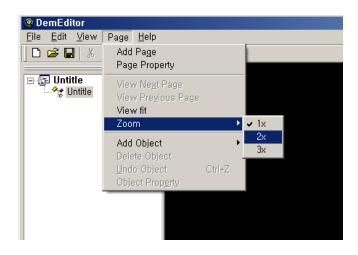
Exit and go back Recorder or Remote Viewer.

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



Open the Saved E-map Files for Editing.

7. Zoom in/out



You can zoom in or Zoom out

3. Running E-map

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

2008-08-13 11:34:53				WARNING!
(EVER) SECU	(EVER) SECU	(EVER) SECU	<mark>∉EVER</mark> €SECU	CONNECT MANAGER SITE MANAGER SETUP
(EVER) SECU	(EVER) SECU	(EVER) SECU	<mark>∉EVER</mark> €SECU [®]	
(EVER) SECU	(EVER) SECU	(EVER) SECU	(EVER) SECU	EVER
	(EVER) SECU	(EVER) SECU	(EVER) SECU	(EVER) SECU
		•••••		
	5 6 7 8	9 10 11 11 12	13 14 14 15 15	

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

2008-08-13 11:36:40	WARNING
(EVER) SECU	EVER EVER SECU SECU
(EVER) SECU	Copen Dem file Coven Dem file 한 Open Dem file 한 Apen Dem file
(EVER) SECU	에 내 그림 이 데 타 원본 대일 Dationg Koei 에 내 데 데 타 원본 에 받은 파일 Data 에 내 베 네 그로 사 홈너 Odenoi 에 내 웹 사이트 관련 관람 DiyDownLoad 에 너 웹 사이트 관련 공단 DiyDownLoad 에 나 웹 사이트 관련 공단 DiyDownLoad 에 다 용약 AdoeStockPhotos icons and Cursors Renderer 파일 미를(N): 한편제 별기(0) 파일 형식(D: Dvr Emap files (+,dem) 약 취소
(EVER) SECU	

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



D. Sensor

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