EnNet Client Software

Release Version : 2.1

EnNet client is the software for controlling the system through the network.   Any copy or change would be prohibited by law.

This document contains preliminary information and subject to change without notice.

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1. INSTRUCTION

1.1 Network Client Program

Client program which allows Client PC to live monitoring, search, save, and restrict PTZ camera and backup the images retrieved from DVR connected of EnNet(Network Client Program).

1.2 Program Installation

1. Insert packaged Client Program CD in the CD-ROM.
2. Client Program will automatically start; if not manually double-click the icon to install.
3. Client Program install icon will appear, install the file or name the folder differently and install.
4. Once Installation is complete, Network Client Program(EnNet) Icon will appear on the desktop, and in the Start Program List of OS.
5. Double click the icon to start the program.

1.3 Client System Requirements

|	Least	Recommended
CPU	Intel Pentium III	Intel Pentium IV or higher
Main Memory	256 MB	512 MB
VGA Memory	64 MB	128 MB
Screen Resolution	1024x768	1024x768
Free Disk Space	10 GB or higher	20 GB or higher
OS	Windows XP, 2000 Pro	Windows XP, 2000 Pro, Vista
Network	10/100 Base T	10/100 Base T
DirectX	Direct 9.0 or higher	Direct 9.0 or higher

2. MONITORING FEATURE

2.1 Starting Program

Double click Client Program icon on the window desktop to start the program.

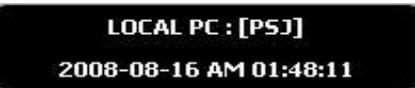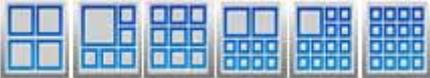Below image will appear for few second before Client Program appear on the main screen.

[Figure 1. Initial Starting Screen]
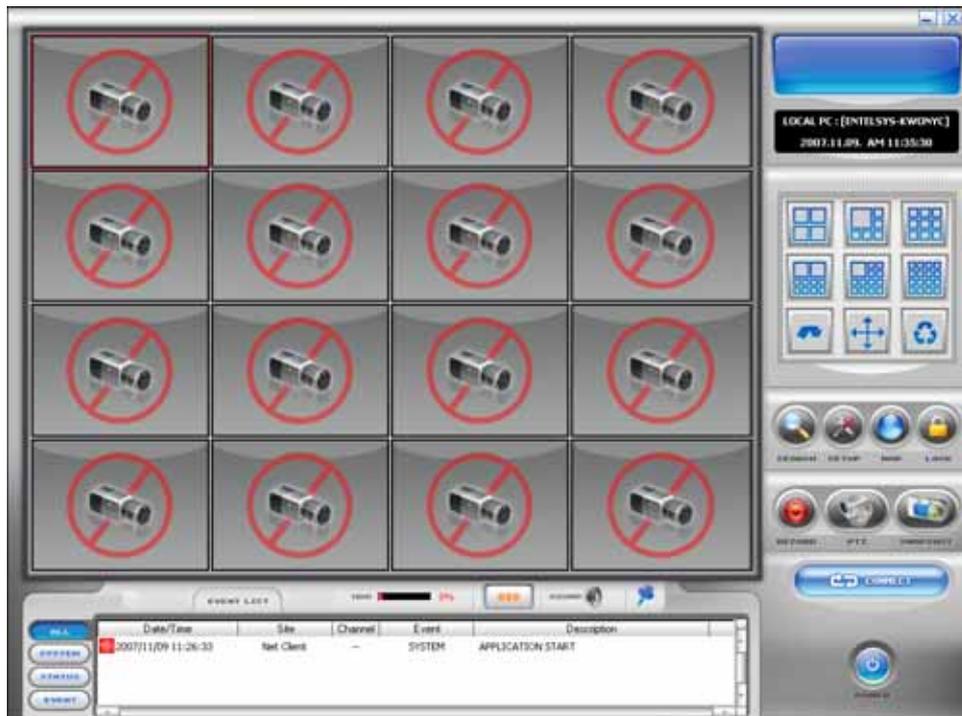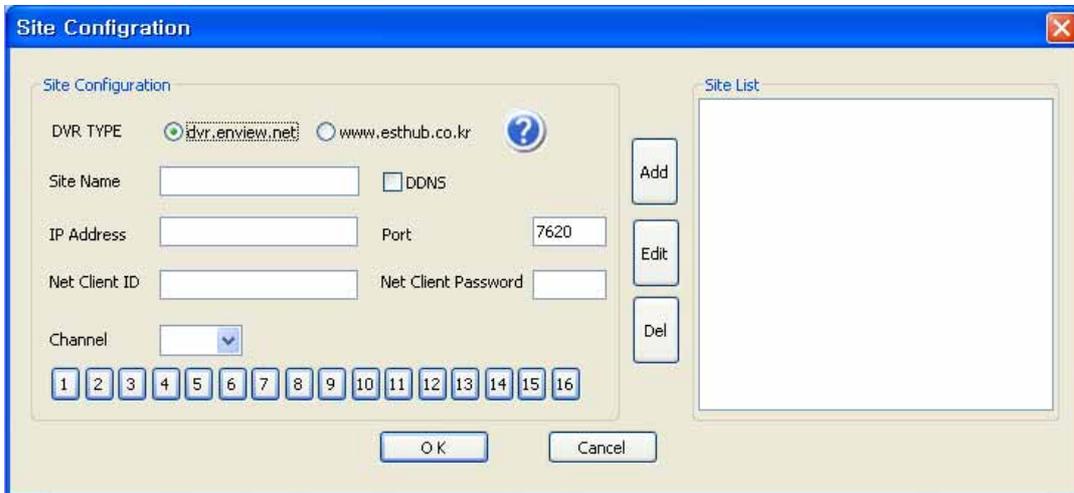

[Figure 2. Monitoring Main Screen]

2.2 Monitoring control button feature

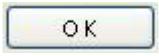| FUNCTION	DESCRIPTION
LOCAL PC : [PSJ] 2008-08-16 AM 01:48:11	Indicates name and current time on Client PC(Local)
	4,6,9,13,16 Screen Divisions mode
	Transfer to Next Channel, Full, Auto-rotation mode
SEARCH	Use the button to search data
SETUP	Use the button to go to setup mode
E-MAP	Indicate where camera is installed
LOCK	Locking the screen of running function
LOCAL MANUAL RECORD	Save DVR's data in Client PC
PTZ CONTROL	Control PTZ camera's Pan/Tilt/Zoom/Focus functions
SNAP SHOT	A still image can be captured and saved in the desired folder
CONNECT	Connecting to Remote DVR
SOFTWARE TURN OFF	Finish Client Program
ALL SYSTEM STATUS EVENT	Indicates log information : All, System, Status, Event
OSD OSD(DISPLAY ON/OFF)	Indicates Client information
SOUND	Controls audio volume
EVENT LIST SCROLL LOCK	Event List scroll

2.3 Connecting to Remote DVR

   Click the connection button then below Connection. Screen will be displayed.

Site Configuration	The network-connect Information of Remote DVR
DVR TYPE	Select either **dvr.enview.net** or **www.esthub.co.kr** (Please refer to DDNS Part of the provided Manual)
Site Name	Type in site name of DVR
IP Address	Type IP address of Remote DVR. If using DDNS, Type DDNS ID in this field.
DDNS ID	If you use DDNS, Type your DDNS ID. (If you select Content of DDNS, "IP Address" change "DDNS ID")
PORT(Network Port)	Type the same port as DVR.
Password	Type the same password as DVR
Channel	Select the number of DVR channel
Add	Add new DVR
Edit	Edit Site information in Site list
Del	Delete DVR from the Site list
Site List	It display the entire site information of Remote DVR.
O K	It connect the selected DVR
Cancel	Exit

2.4 Monitoring

Live screen will appear once the connection is made between Client Program and Remote DVR, Client
Program screen divides according to the number of Remote DVR's channel connected.
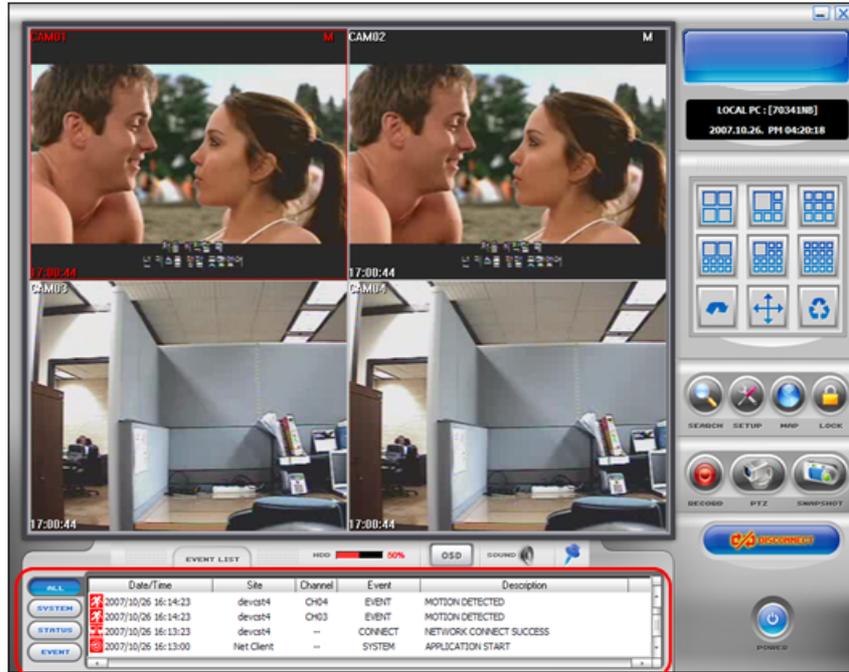
[Figure 3. Monitoring Screen]

Once Client Program is connected to Remote DVR, event information will display on the list and you can
search information at your request.

ALL	Displays all event information
SYSTEM	Displays system related information
STATUS	Displays system status
EVENT	Displays event log

	Client Program Started		Recording
	DVR connected		Sensor detected
	Motion detected		Configuration Changed
	Alarm alerted		DVR shutdown
	Camera disconnected		

click disconnection button to close live screen then appears the main screen.

2.5 Storing in PC(Local Manual Record)

1. [RECORD] Click Record button, then chosen live feed screen will store in chosen folder of Client Program menu

2. To stop storing, click Record button. You can click Search button and local search to play stored file.

2.6 PAN/TILT/ZOOM/FOCUS CONTROL

Select channel with PTZ Camera in monitoring screen and click PTZ button then PTZ control screen will appear.


|	
◀ ▶	Camera Panning
▲ ▼	Camera Tilting
⊖ ZOOM ⊕	Zoom in , zoom out control
⊖ FOCUS ⊕	Focus in , Focus out control
⬛▼	Select PRESET number.
RUN	Run PRESET
⏻	Stop PTZ Camera control function

2.7 LOCK SCREEN

1. Click lock button then chosen lock screen from the Client Program menu function will run.

2. Type saved password

2.8 SNAP SHOT

1. Click SNAPSHOT button then live feed screen will be captured in still image.
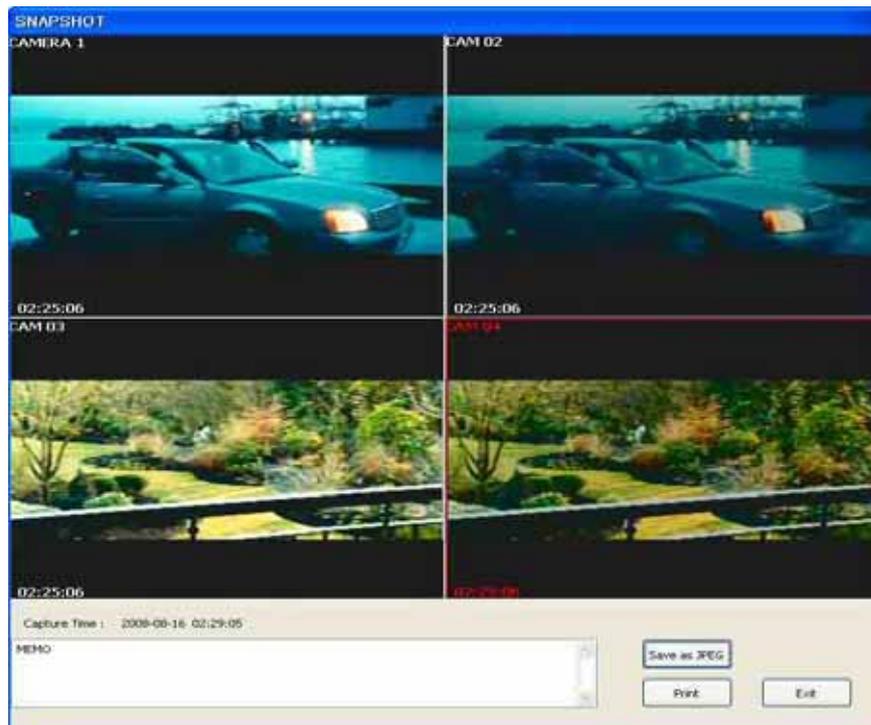
2. Click JPEG save button then   save under desired place and name.
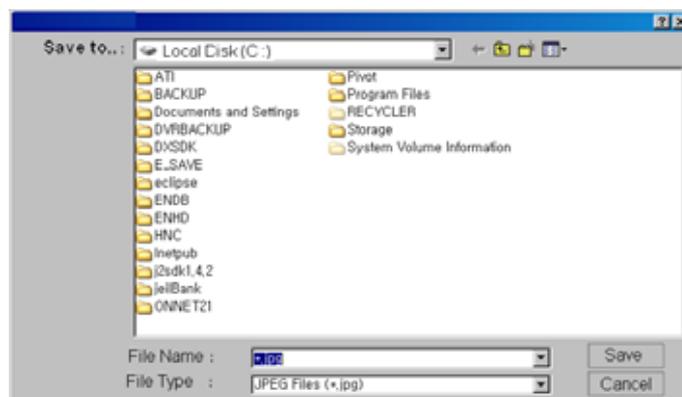
3. Click   Print button to print from connected Printer

4. Click Exit button then you can capture stored image or can go to Search Screen without Printing.
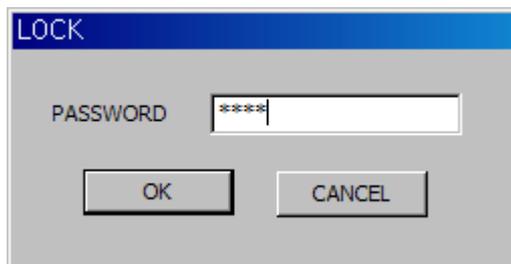
3. SEARCH FEATURE

3.1 Main Search Screen

Click Search icon in the main screen of client program then, main Search screen will appear
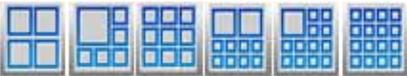

[Figure 4. Main Search Screen]

If the screen lock is set in the client program configuration menu, you need to enter the password.

3.2 Search Button Feature

FUNCTION	DESCRIPTION
◀ 2007 / 11 ▶ S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Data stored date will be displayed in dark shades. Use arrow to choose wanted date
	4,6,9,13,16 Screen Divisions mode
	Next Screen, Full Screen, and Panorama Search
BACKUP	Backup button
LOCK	Lock the screen
SNAP SHOT	SNAPSHOT button
EVENT	Event button
LOCAL SEARCH	Local Search button
REMOTE SEARCH	Remote Search button
❙◀	Go to the first data search
◀❙	Move backward by 1 frame
◀◀	Fast Backward Playback
◀	Reverse play
■	Stop playing data
▶	Play the stored data
▶▶	Fast forward Playback

	Move forward by 1 frame
	Go to the last data search
	Search and display by 4 channels
	Indicate recorded Hour
	Indicate recorded Minute
	Scroll 4 channels from recorded data
	Play audio
	Mute audio
	Exit

### 3.3 Remote Search – Selecting the recorded date and time

1) Select the date from the right calendar. Saved data of the date will show in yellow, Date selected will change to red.
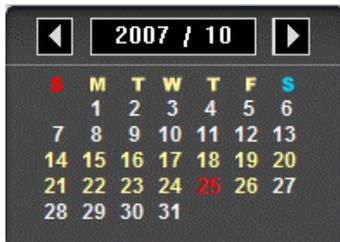
2) Select search date saved data will show in 24 Hour matrix. Blue is the data saved time, Red is the time you want to search.
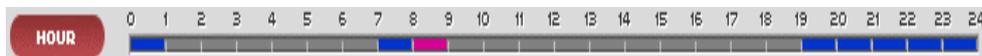
3) Select search time then saved data will appear in red. Click play button to play from the first of data. Move the mouse to play the exact time of data.
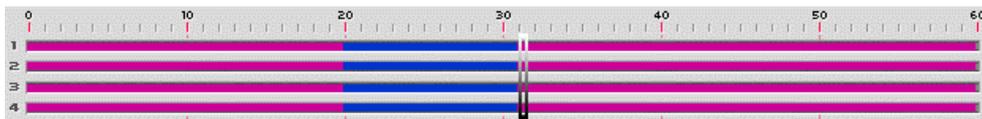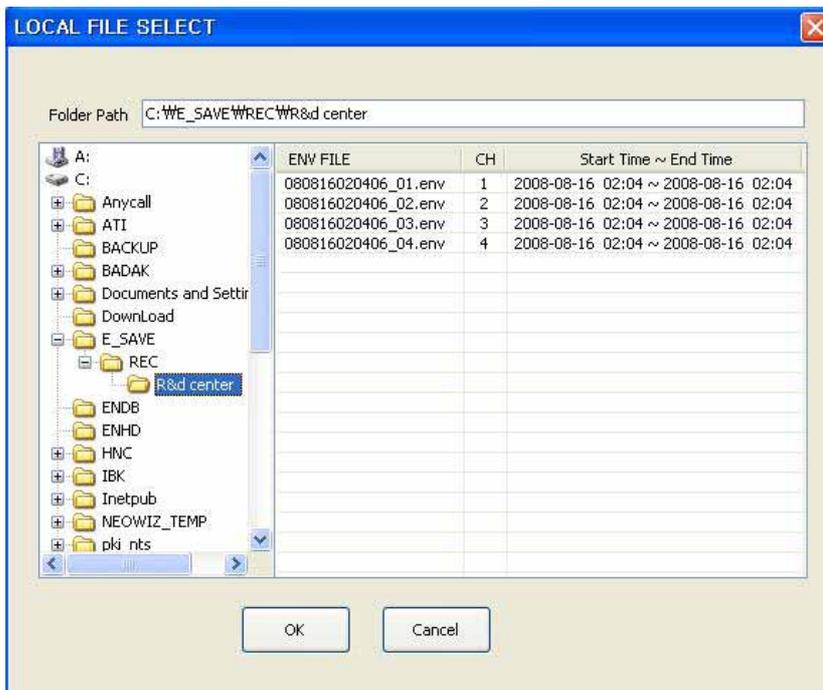
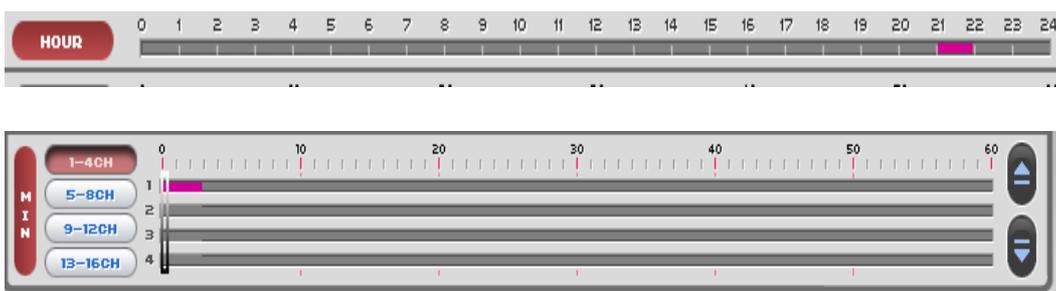4) Selected screen division mode will be applied when searching..

3.4 Local Search

1) Search and play recorded date .　　　　Click local search button then display saved data files and under right list.　Select the saving folder from client program setup menu.

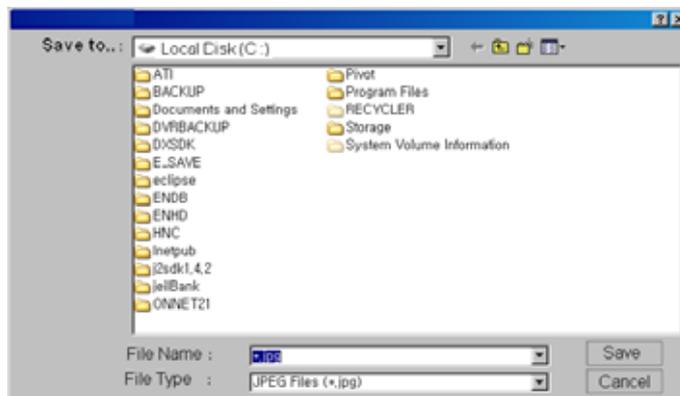2) Select the right　file and displays ENV file's channel　and start time/ exit time of data information recorded.

3) Click play button to play　recorded data.
4) Click cancel button, then exit to main screen.

3.5 SNAPSHOT

1) Click SNAPSHOT button then live feed screen will be captured in still image.

2) Click JPEG button then select save folder and type file name.

3) Click print button to print
4) Click Exit button to save captured still image or Exit without printing.

3.6 Search Log Information

1) Client program and Remote DVR information – Search and Save Motion detection , Alarm, Sensor detection data file
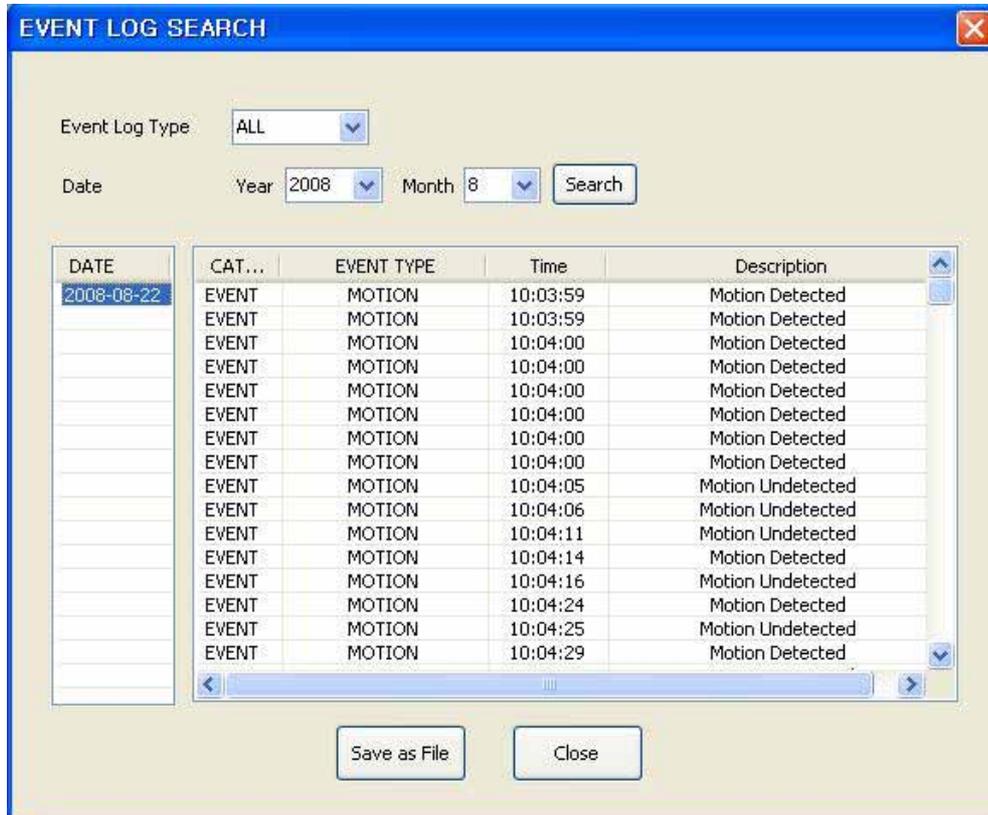
Event Log Type	Kinds of log information : All, System, Status, Event
Search	Search log information by Year and Month
Date	Select saved date
Save as file	Save to CSV file from selected log information(Type folder and file name)
Close	Exit search log information screen

4. BACKUP FEATURE

4.1 Select Backup time period

1) From the saved data, select time period you want to backup and click [BACKUP] button

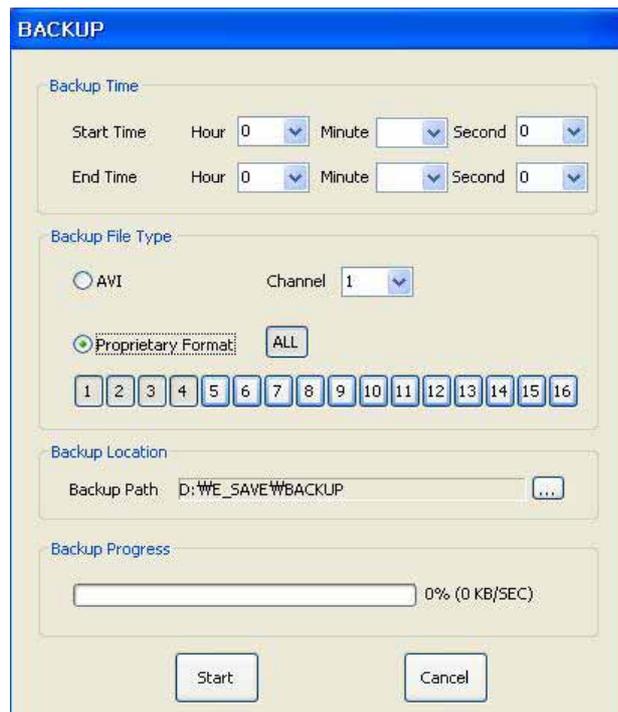**2)** Click backup button then displays backup screen.

4.2 AVI Backup time period

1) Select the type of BACKUP file in AVI then backup channel by channel.
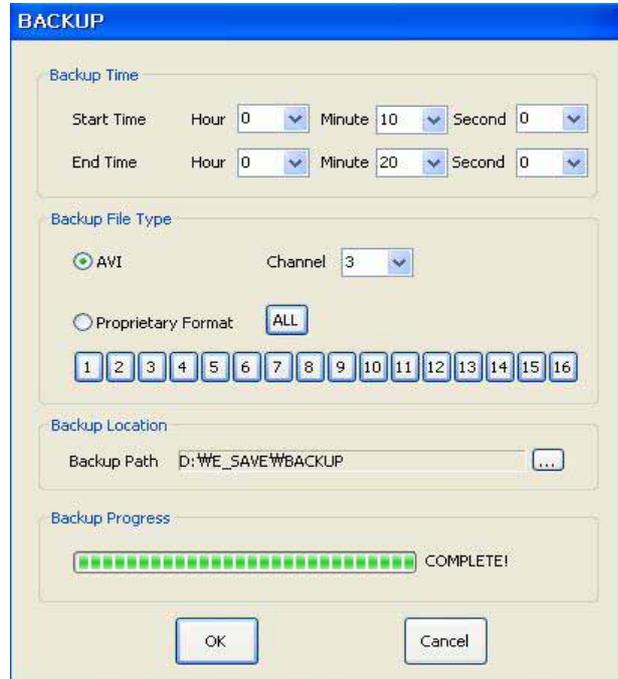
4.3 ENDB Backup time period

1) Select the type of BACKUP file in default format then select channel and backup.

5. SETUP PROPERTY

5.1 Setup System

Click [SETUP] button in monitoring screen then display setup menu to configure client program property

5.2 Setup System control button

OK	Save modified configuration property and Exit to Main Screen
Cancel	Exit to Main Screen

5.3 Setup Property description

FUNCTION	DESCRIPTION
Program information	Indicate program name and current version
Program Name	Client Program name
Program version	Client Program Version information
Language and Date	Indicate and Select client language /data type
Language	It is the language of setup menu on client program
Date display	It displays the type for date on client program
Screen Setup	It is control of the setup for Font size on client.
Font Size(OSD)	Control the font size of OSD on client screen
Auto Sequence Dwell Time	Control the interval time of sequence on client screen.
Event Duration Time	Display the event list by assigned time
Save Folder	Indicate the information for each saved folder.
Recording	Indicate the saved folder information for manual record.
Still Image	Indicate the saved folder information for still image.
Backup	Indicate the saved folder information for backup.
Log	Indicate the saved folder information for log.
Recording Max	Control the capacity of recording
Log Saving Term	Control the period to use log data space
Screen Lock	Control the authority for each module menu
☐ Start ☐ End ☐ Live ☐ Setup ☐ Search ☐ Backup	If check the each check box. When using the checked menu, You have to fill the password.
Change Password	It is the password for authority.