



# ***User Manual***

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## **1. Introduction**

### **1.1. CMS (Central Management Software)**

CMS is a total management software based on network which is compatible with all BNT products. It consists of mode view window, main view window and history view window. CMS doesn't have Graphic User Interface in each panel. Therefore CMS including each panel is too flexible to adjust the size and display structure of them. CMS has the following features for the efficient central management.

### **1.2. Main Features**

#### **Flexibility in UI**

CMS doesn't have GUI so each panel can be adjusted in its size and display view. And docking and undocking each panel is so easy to make a various display configuration.

#### **Multi-Monitoring and Screen**

Multi-monitors are supported up to the limit of CMS server can support. Therefore user can configure Tree, Live, Map, File, Event panels in various display modes as they want.

#### **Simultaneous multi-live monitoring**

Liveview has 16 & 64 monitoring view in each model. The number of channel for this CMS is maximum 64. The normal recommendation is P4 3.0GHz (CPU), 2GB (RAM) basically.

#### **Simultaneous local & remote file search and playback for multiple sites**

CMS can record the live images on local storage in server PC and also can access to video server's storage remotely. This feature is run on the same fileview panel.

**Event Capture**

Event data are shown you in text or thumbnail mode. When you do double click text data or thumbnail image, it starts to be played back automatically from the time of event occurring in fileview panel.

**Multi Map/Group configuration**

CMS supports multi Map/Group with main and sub configuration which is easy to look around all configuration in tree structure at one view.

**Event log information**

It shows event/application history information in history view window and also the information is stored as a file which will be needed as supplement.

**Easy Remote PTZ control**

Remote PTZ control panel is movable and easy to use.

**Pop-up menu using mouse right button**

Main menu is supplied as pop-up by mouse right click.

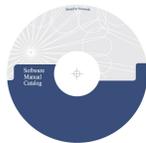
**CMS Client**

CMS Client users can access to CMS server and get live and recorded image data.

### 1.3. CMS Specification

Contents		Detail Information
<b>Server PC</b>	CPU	Pentium 4 3.0GHz or higher
	Memory	2GB or higher
	No. of LiveView	4
	OS	Windows 2000 or higher
	Video Card	ATI Radeon 7000 Series (PCI Type) 128M or higher, Direct-X included
<b>CMS</b>	Post time In the event recording	- 2 Min. from the time of event - 2 Min. is extended from the time of event in case of consistent events
	Recording mode	Motion / Sensor / Continuous
	Recording schedule	- Weekly, daily schedule in each channel - Overwriting function as to adjustable recording rate and disk space - Alias search
	Max. Live channel	16 channel (Simultaneous)
	Max. VOD channel	16 channel (Simultaneous)
	Max. recording rate	CIF 5 Frame per channel (5 * 64 CH / sec)
	CMS setup	- 4 MRX connection (64 CH) - Decoding: 4 frame (Recording & Restreaming)
<b>Notification</b>	System HDD (1 <sup>st</sup> HDD)	- Minimum size is 200GB - Only OS and CMS should be installed in the system HDD - No divided partition (Only one physical partition) - Enough free size is necessary to have virtual memory allocation for system/event log and jpg saving
	Initial system loading	CPU: about 40%, Memory: about 1.07GB
	CPU & Main board	Dual CPU / Dual core CPU / Hyperthread is no available

## 1.4. Supplement



Including CMS Installer, User Manual, USB Lock-key driver



USB Lock-key

## 1.5. Installation

You should follow the below procedures for CMS system installation.

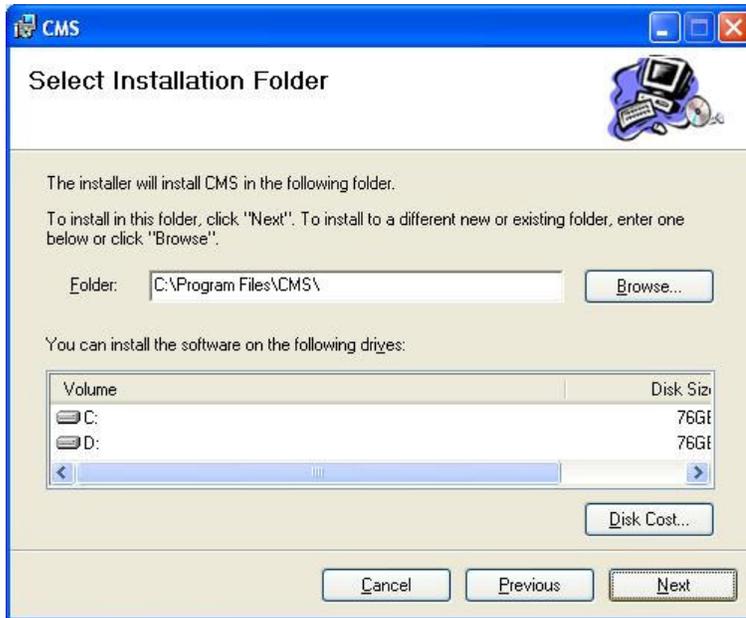
- Double click CMS Installer



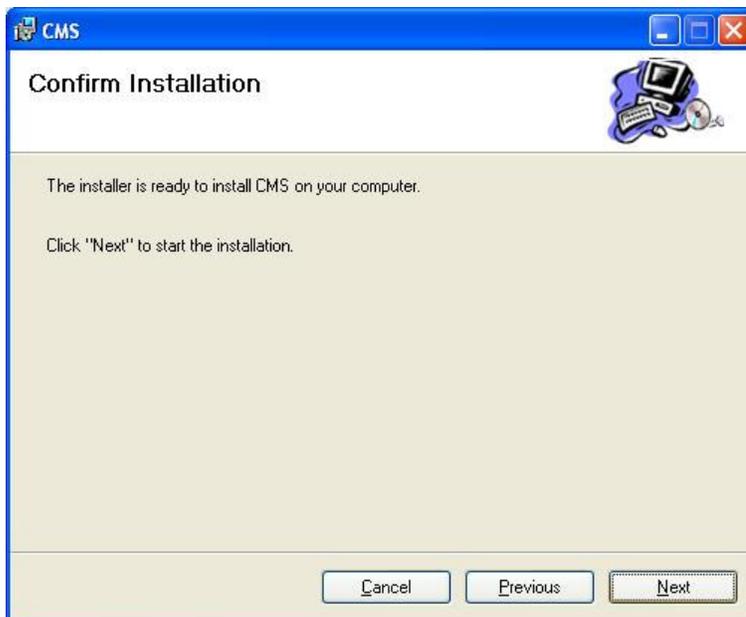
- Click "Next" button.



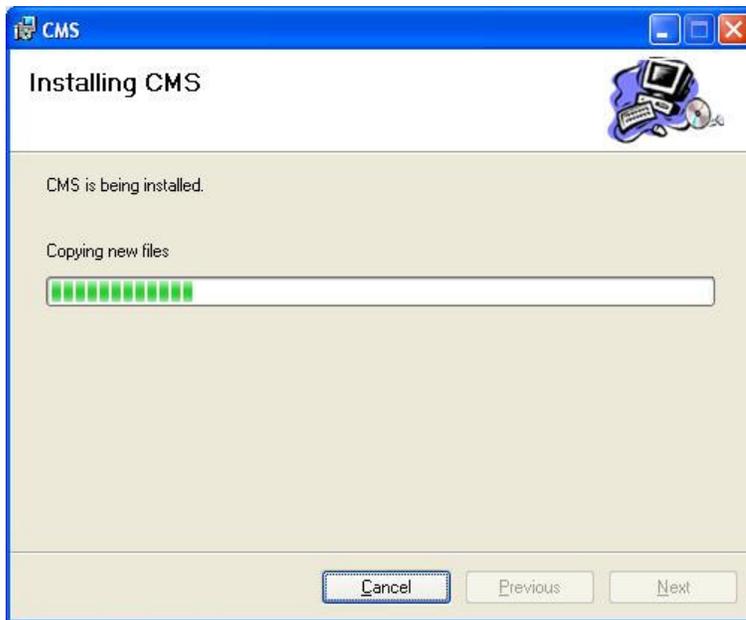
- Click “Next” button.



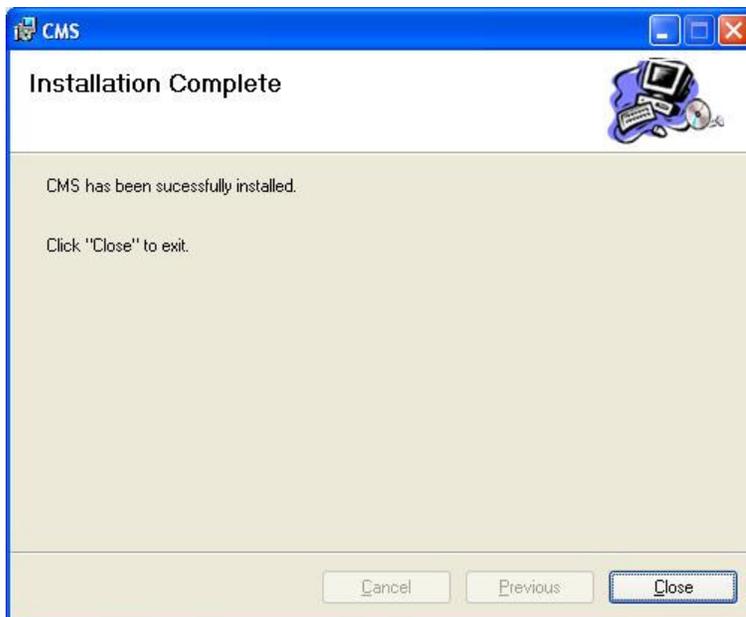
- Click “Next” button.



- Installing CMS



- Click "Finish" button.



## 1.6. Uninstallation

To uninstall CMS, you have to follow the below procedures by the way of CMS installer or Add or Remove Programs in Windows control panel.

### [CMS installer]

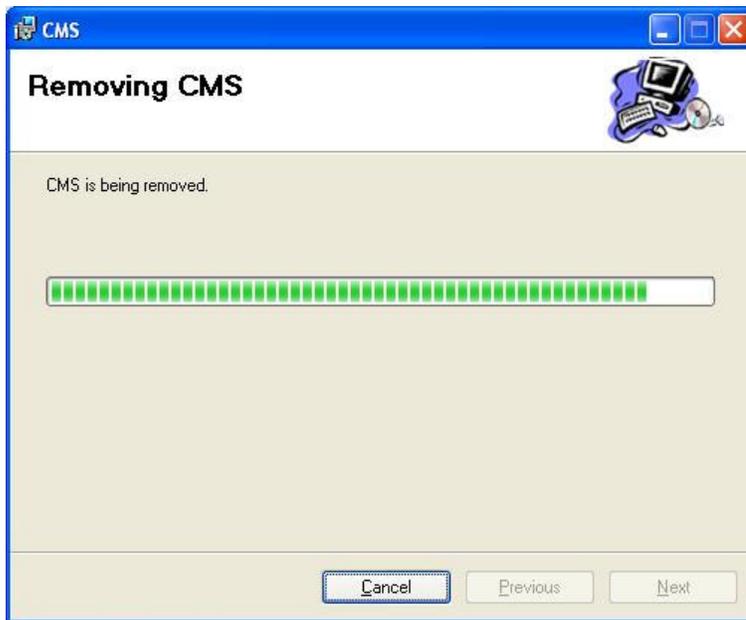
- Double click CMS Installer



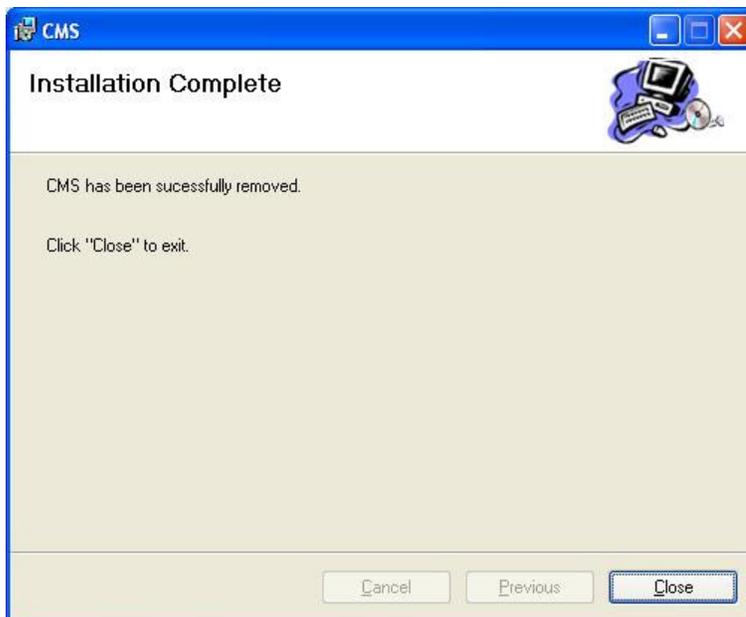
- Mark on "Remove CMS" and click "Finish" button.



- CMS is removing

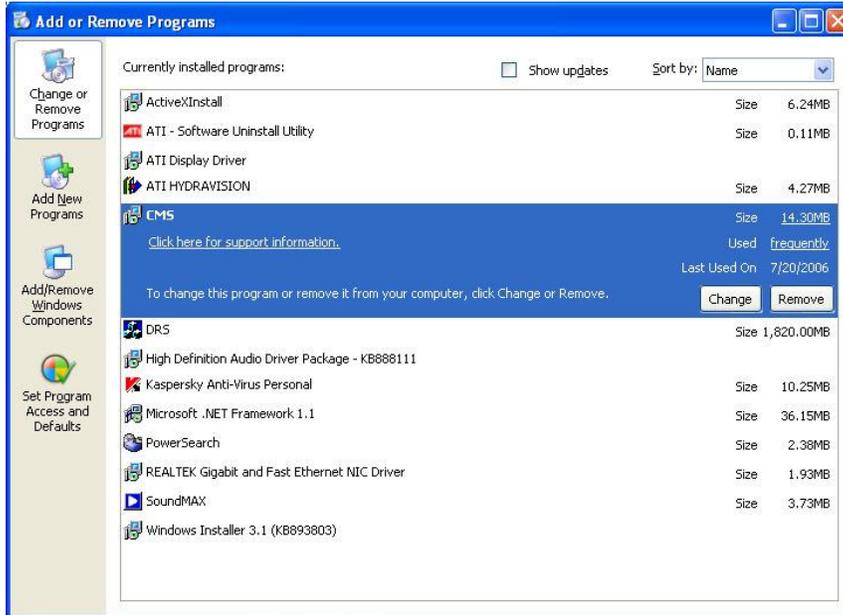


- Click "Close" button after finishing CMS uninstallation.



### [Add or Remove Programs in Windows]

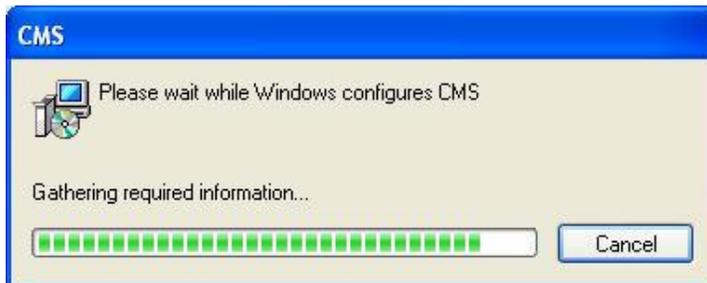
- Go into “Add or Remove Programs” in control panel of Windows.  
Select CMS program and click “Remove” button.



- Click “Yes” button for the confirmation.



- Removing CMS is done after this step.



## 2. LOG IN & LOG OUT

### 2.1. Log in



It displays CMS logo when it start to run.



The initial password is made by user and they have to keep it for the future use. If user doesn't want to put password, just click "Cancel" button.



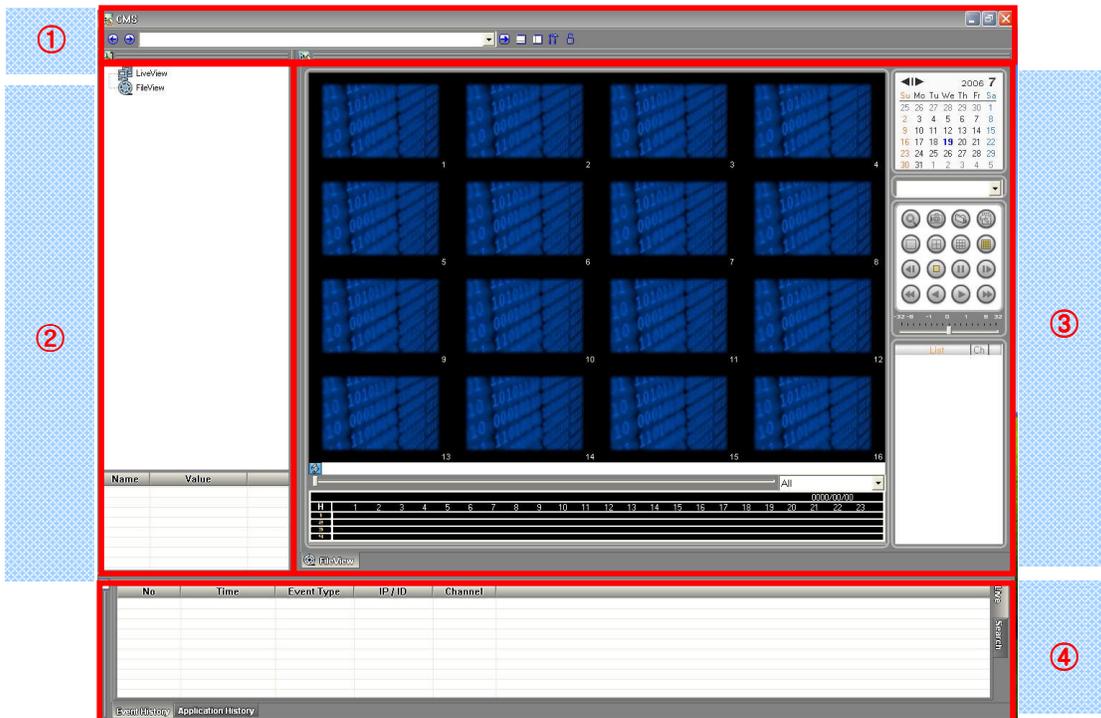
The password should consist of at least 4 characters and at most 16 characters. If user has the above message box, they have to input a proper password.

## 2.2. Log out



After you click the close button of the software, you need to put the pre-assigned password for the log out.

## 2.3. Default Display mode (Initial Display)



- Tool bar can be useful for basic functions and entering into setup mode.  
(Same as Windows interface)
- Mode view window has tree structured display and pop-up menu for setup.  
So it can show user friendly interface at one sight.
- Main view window: LiveView, FileView and Map/Group panel are displayed in this area.
- History view window: It consists of event & application history in each live and search mode.

### 3. TOOL BAR



When you point each button with mouse cursor, you can have tool tip message.



CMS logo: If you do double click, the program will be closed.



From the left, Minimize, Restore down, Close button same as Windows.



Previous/Next button to the displayed panel same as Windows.



This is a combo box which has the same concept as URL on web.

If you input a panel title and press “Enter” button or click “GO” button, you can move to it directly.



Display mode: Left one (Mode view window hidden),

Right one (History view window hidden)



Environment Setup: General, recording schedule, alias setting



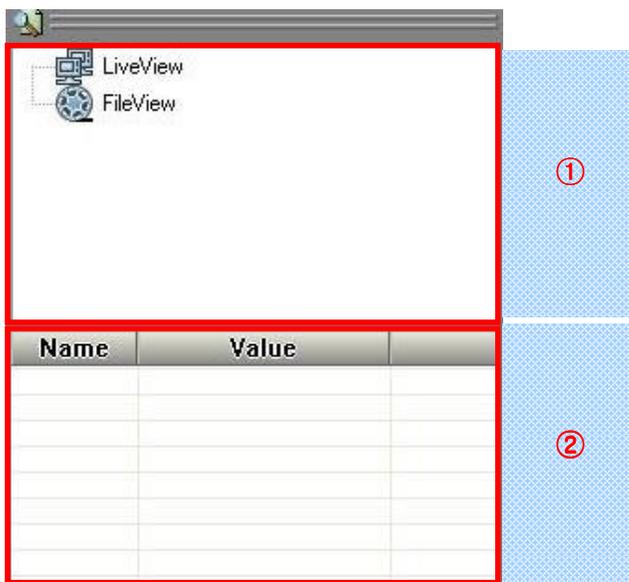
**Edit mode to edit the mode view window.**

To change into lock or unlock, you have to input the pre-assigned password.

The showing images is to be changed.

## 4. MODE VIEW WINDOW

When going into Mode view window, you will have a message for asking you a password. You should input the pre-assigned password on it.

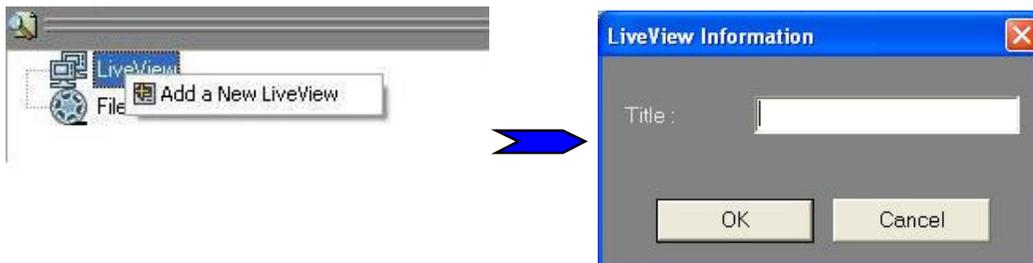


### 4.1. Explorer tree (①)

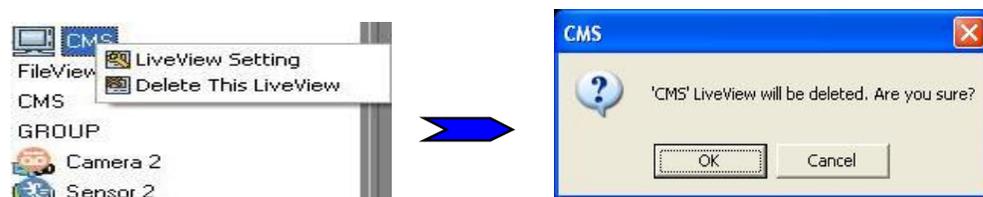
You need to follow the below procedures for setting each panel, camera, etc.

#### 4.1.1. Add/Delete a New LiveView

Click right mouse button on the LiveView and title a LiveView.

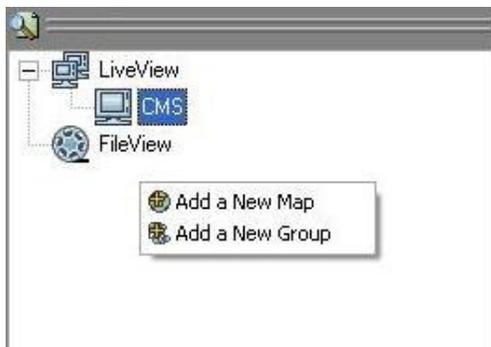


You can delete LiveView after confirming through this message.

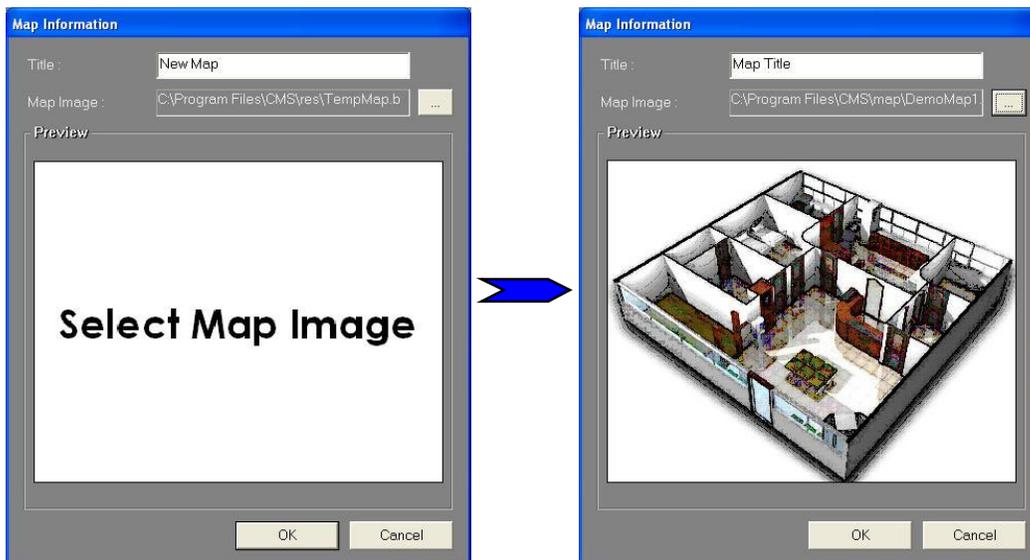


#### 4.1.2. Add/Delete a New Map/Group

Click right mouse button on the blank area and add a new Map/Group.

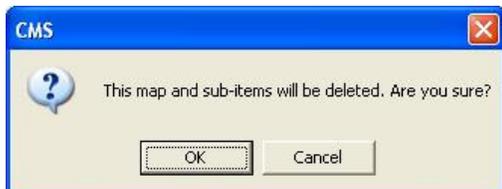


#### [Map Setting]



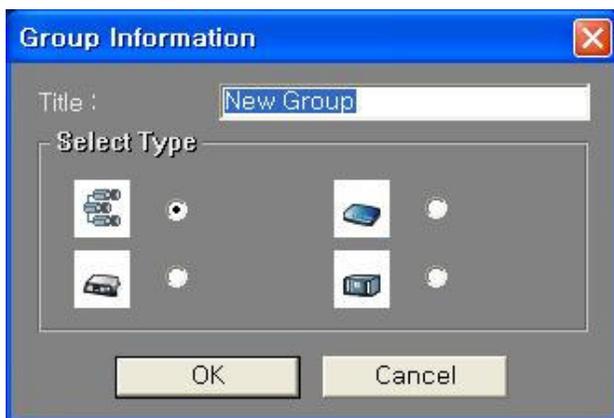
- Title: Maximum 20 character
- Map Image (Only bitmap image)  
Default directory: C:\Program Files\CMS\map\\*.bmp
- Preview a map image
- Press "OK" button to apply it.

You can delete a map and sub items after confirming through this message.  
(Refer to 4.1.5)



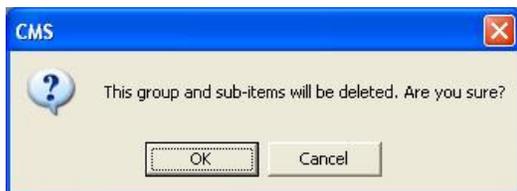
When you want to add sub-Map/Group to the main Map/Group, you can do the right mouse click on the Map/Group icon and select "Add a New Map/Group".

### [Group Setting]



- Title: Maximum 20 characters
- Select a type of devices such as IP Camera, video server and DVR.
- Press "OK" button to apply it.

You can delete a Map/Group and sub items after confirming through this message.  
(Refer to 4.1.5)

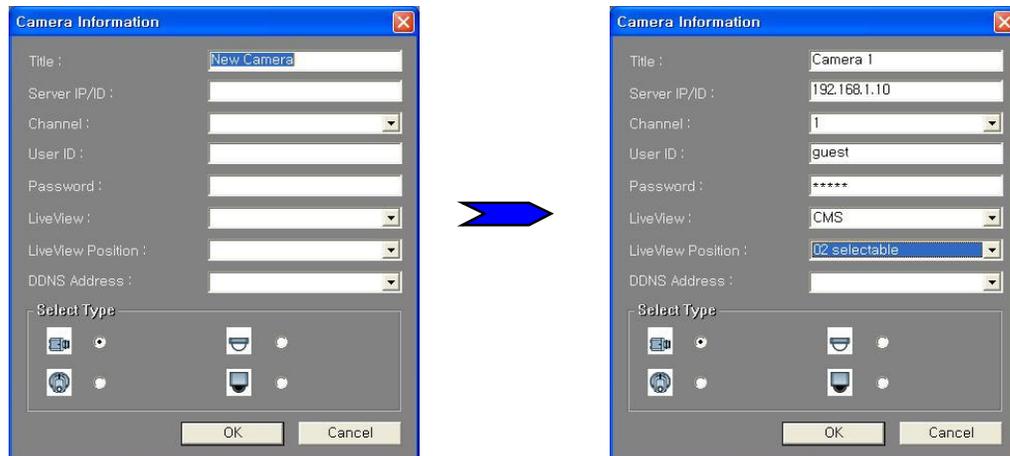


#### 4.1.3. Add a New Camera or Sensor

You should add a new camera or sensor after making a liveview panel.

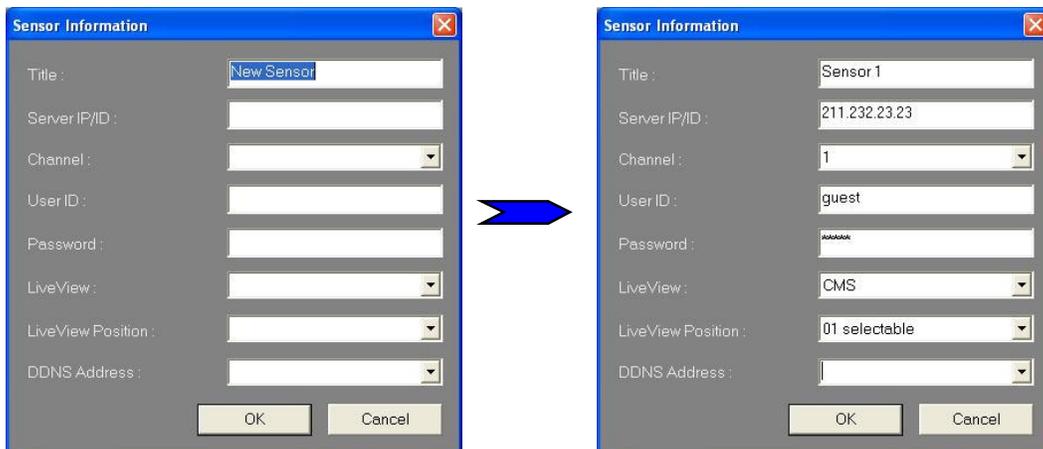
Click right mouse button on the Map/Group.

#### [Camera Setting]



- Title: Maximum 20 characters
- Server IP/ID: IP address or ID of network video server
- Channel: Channel of network video server
- User ID & Password: ID & Password for access to network video server
- LiveView: You can select a LiveView title.
- LiveView Position: One liveview has 16 channel. You can select one of them.
- DDNS Address: When you use dynamic IP and domain name, you need to input IP address of DDNS.
- Camera type selection: There are four kinds of camera such as Fixed, Mini dome, Mini PTZ and Speed dome camera.

## [Sensor Setting]



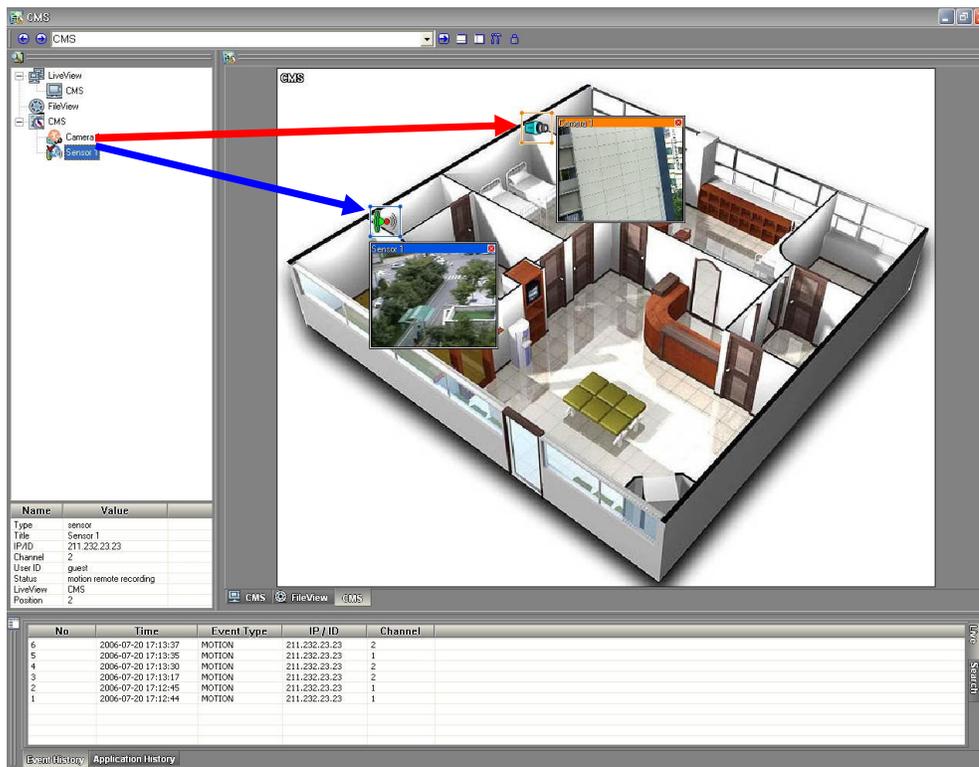
The image shows two screenshots of the 'Sensor Information' dialog box, connected by a blue arrow pointing from left to right. The left screenshot shows a new sensor being created with the title 'New Sensor'. The right screenshot shows the same dialog box after configuration, with the title changed to 'Sensor 1' and various fields filled with specific values.

Field	Initial Value (Left)	Final Value (Right)
Title	New Sensor	Sensor 1
Server IP/ID		211.232.23.23
Channel		1
User ID		guest
Password		*****
LiveView		CMS
LiveView Position		01 selectable
DDNS Address		

- Title: Maximum 20 characters
- Server IP/ID: IP address or ID of network video server connected with sensor
- Channel: Channel of network video server
- User ID & Password: ID & Password for access to network video server
- LiveView: You can select LiveView title.
- LiveView Position: One liveview has 16 channel. You can select one of them.
- DDNS Address: When you use dynamic IP and domain name, you need to input IP address of DDNS.

#### 4.1.4. Live images on the map

- You need to click, drag and drop the camera or sensor icon on the map.
- You can have a live window by doing double click the camera or sensor icon.
- When CMS get the event from video server, it shows blinking on the image bar.



#### 4.1.5. Pop-up Menu

You can have a pop-up menu by clicking right mouse button.

##### <Map>



##### <Group>



- Map Setting: You can modify the pre-setting such as map title, map image.
- Group Setting: You can change group title.
- Add a New Map: Refer to the above 4.1.2 [Map Setting]
- Add a New Group: Refer to the above 4.1.2 [Group Setting]
- Add a New Camera: Refer to the above 4.1.3 [Camera Setting]
- Add a New Sensor: Refer to the above 4.1.3 [Sensor Setting]
- Change to Map/Group: You can convert map/group into group/map.
- Delete This Map/Group: Refer to the above 4.1.2 [Map/Group Setting]

##### <Camera >



- Camera Setting: You can change camera title.
- Delete This Camera: You can delete this selected camera.
- Go To Map/Group: You can go to Map/Group panel directly.
- Go To LiveView: You can go to LiveView panel directly.
- Go To FileView: You can go to FileView panel directly.
- Go To Schedule: You can go to Schedule setup page directly.

**<Sensor >**

Sensor Setting  
Delete This Sensor  
Go To Group  
Go To LiveView  
Go To FileView  
Go To Schedule

- Sensor Setting: You can change sensor title.
- Delete This Sensor: You can delete this selected sensor.
- Go To Map/Group: You can go to Map/Group panel directly.
- Go To LiveView: You can go to LiveView panel directly.
- Go To FileView: You can go to FileView panel directly.
- Go To Schedule: You can go to Schedule setup page directly.

## 4.2. Property window (②)

This shows the status of Map/Group, camera or sensor.

### [Map]

Name	Value	
Type	map	
Title	CMS	
Map Image	C:\Program Files\CMS\...	
Camera	2	

### [Group]

Name	Value	
Type	group	
Title	GROUP	
Camera	2	

- Type: Kinds of the selected item
- Title: Name of the selected item
- Map Image: Location of loaded map images
- Camera: The number of connected camera

### [Camera]

Name	Value	
Type	camera	
Title	Camera 1	
IP/ID	211.232.23.23	
Channel	1	
User ID	guest	
Status	continuous remote recording	
LiveView	CMS	
Position	1	

### [Sensor]

Name	Value	
Type	sensor	
Title	Sensor 1	
IP/ID	211.232.23.23	
Channel	2	
User ID	guest	
Status	continuous remote recording	
LiveView	CMS	
Position	2	

- Type: Kinds of the selected item
- Title: Name of the selected item
- IP/ID: IP address or ID of connected video server
- Channel: Channel number of video server
- User ID: ID for access to video server
- LiveView: Connected Liveview panel
- Position: Displayed channel number
- Status is informed as below.
  - Normal, Live connecting, Live/Motion/Sensor/Continuous remote recording, Live local recording, Reconnecting, Net fail, No signal

### 4.3. Icon Collections

#### <LiveView>



LiveView



Added LiveView panel

#### <FileView>



#### <Map>



#### <Group>



#### <Video transmitting devices>



#### <Camera>



#### <Sensor>



**<Live connection>**



**<Local recording on CMS Server>**



**<Remote recording on Video transmitter>**



**<Channel selection >**

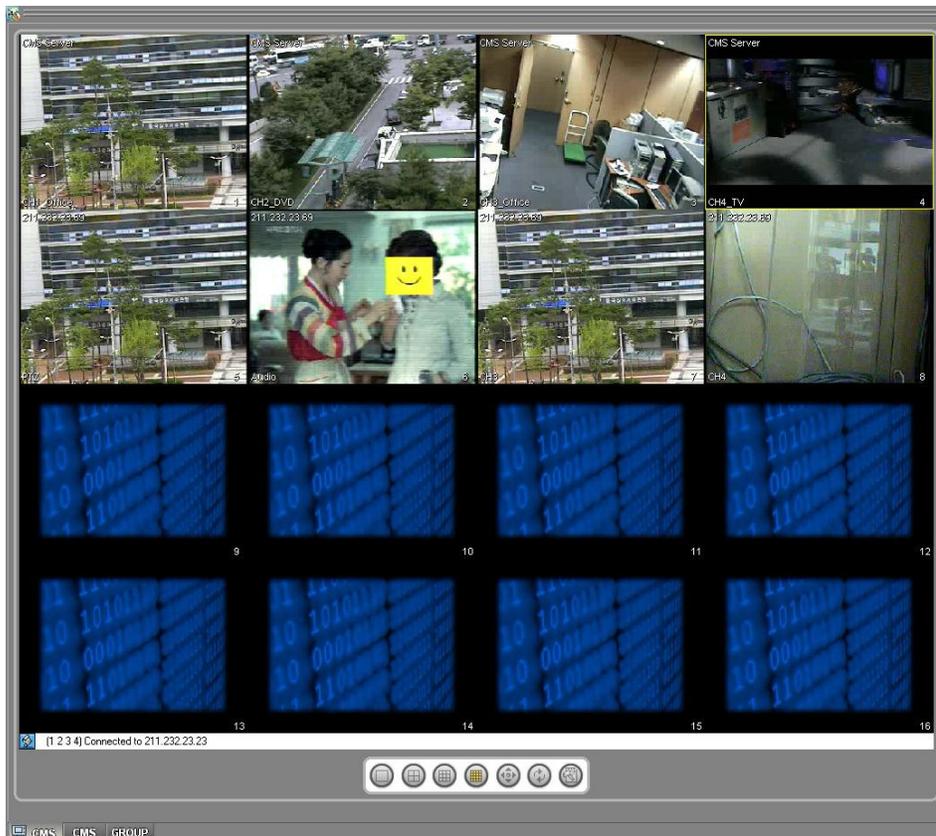


## 5. MAIN VIEW WINDOW

### 5.1. Basic Function

- Undocking/Docking of LiveView & FileView
  - Undocking: Right mouse click on the tab label
  - Docking: Click  button
- Type of panel: LiveView, FileView, Map/Group

### 5.2. LiveView



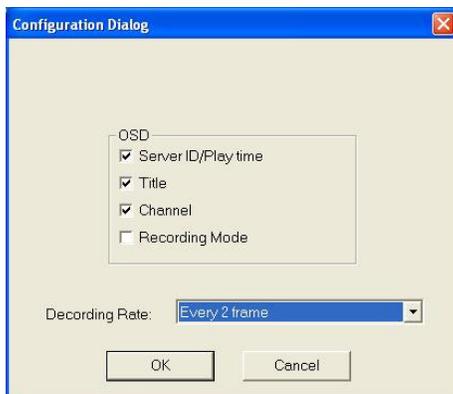
#### [Display mode]



### [Others]

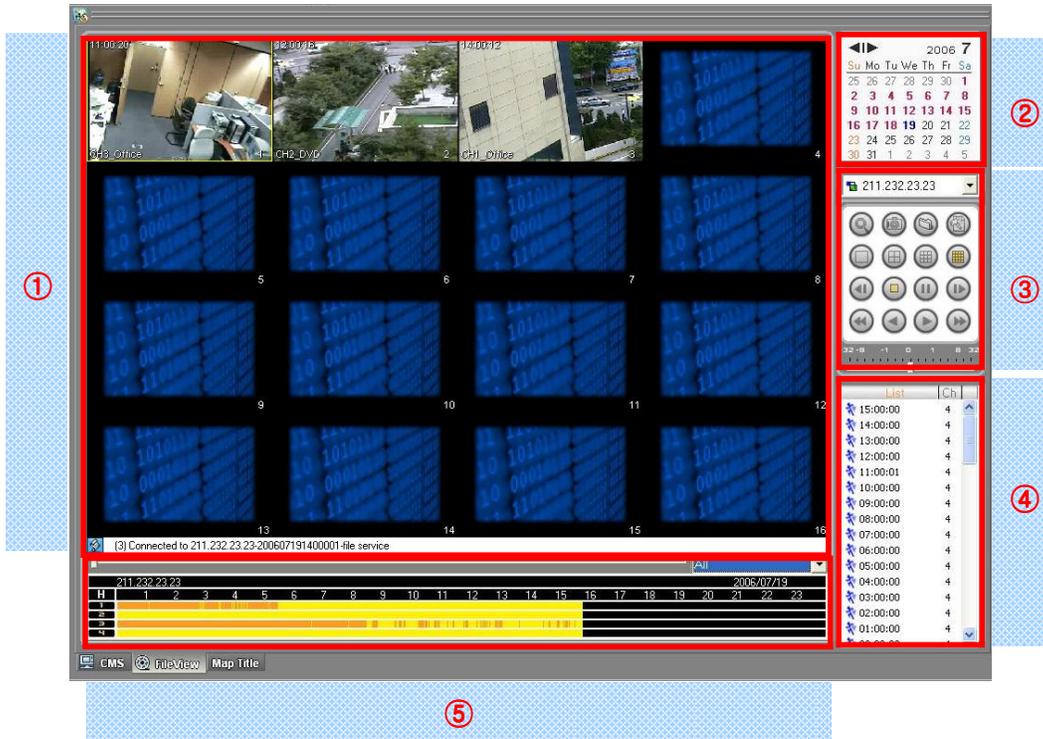
-  Refresh the live connection
-  PTZ control panel (Refer to the below)
-  Live display configuration (Refer to the below)

### [Detail]



- OSD: On Screen Display
- Decoding Rate: User can adjust the frame rate for live monitoring in consideration of network bandwidth. (Selection as Every \*\*frame)

### 5.3. FileView



#### 5.3.1. Main screen (①)

- Division: Max. 16 division to playback for multiple sites and additional live monitoring

#### 5.3.2. Calendar (②)

- **Grey:** Not recorded date
- **Deep blue:** Searching date
- **Red:** Recorded date (Activated)

#### 5.3.3. File playback panel (③)

- Different icon between remote and local recording

 211.232.23.23 : Remote recording
  211.232.23.23 : Local recording

- Playback control buttons



Search for recorded data



Capture a still image



Open a recorded file



Playback display configuration



1 / 4 / 8 / 16 Division



2 Frame backward



Stop



Pause



2 Frame forward



2 times slower play



Backward play



Normal play



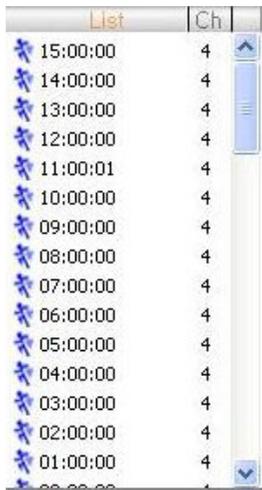
2 times faster play

- Playback speed control

Playback speed varies from -32 to 32 in each channel independently.

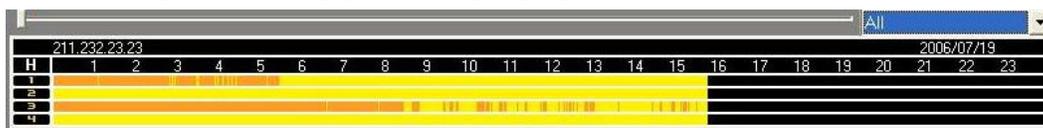


#### 5.3.4. File list (④): 1<sup>st</sup> way to playback)



- One hour based file
- Remote recording mode: Live Network Fail Sensor No signal  
 Motion Continuous
- Local recording mode: Continuous Motion Sensor
- List and channel can be sorted out by clicking the title on the top.

#### 5.3.5. Intelligent Time Map (⑤): 2<sup>nd</sup> way to playback)



- It shows different color in each recording mode.
- NET FAIL   SENSOR   NO SIGNAL   MOTION   CONTINUOUS**
- By selecting one of recording modes, you can have the chosen bar.
- 
- When you click the time you want to see and do right mouse button, you can have one hour base time map for the time.
  - You can move the time scroll freely and the playback is linked with the movement of time scroll.
  - When you click the channel number which is positioned on the left, the playback of selected channel will be unactivated.

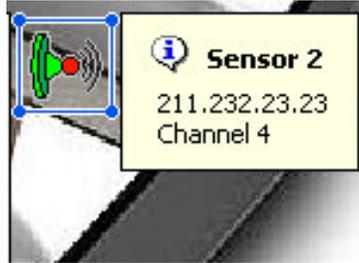
## 5.4. Map



### 5.4.1. Basic functions

- Camera blinking: When an event happens, the square line and tool bar of the live window are blinking.
- Open live window: Double-clicking the camera icon.
- Close live window: Clicking the close button on the screen.
- Movement of camera: The camera icon can be moved by mouse drag and drop.
- Flexible size in live window: Adjustable by mouse drag.
- Map configuration: The map can consist of sub-maps.

#### 5.4.2. Camera/Sensor information



When you point the camera/sensor icon with mouse, you can have the basic information through pop-up message.

#### 5.4.3. Camera/Sensor Pop-up menu



Right mouse button shows you a pop-up menu as Camera/Sensor Setting and PTZ Control.

#### [Camera Setting]

A screenshot of the 'Camera Information' configuration window. It has a blue title bar and a close button. The fields are: Title (Demo site C), Server IP/ID (211.232.23.23), Channel (3), User ID (guest), Password (password), LiveView (CMS), LiveView Position (04), Camera Direction (a camera icon selected), and DDNS Address. There are OK and Cancel buttons at the bottom.

#### [Sensor Setting]

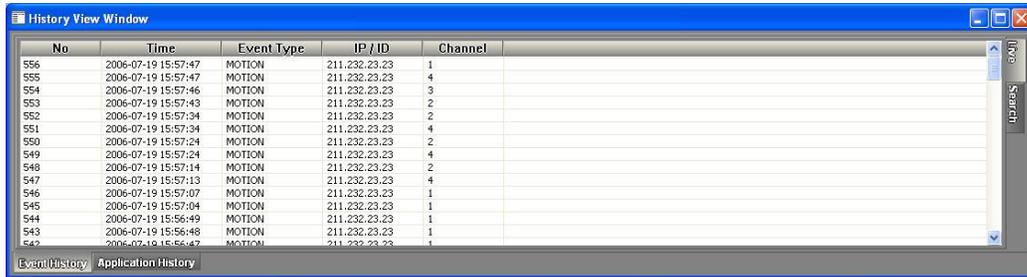
A screenshot of the 'Sensor Information' configuration window. It has a blue title bar and a close button. The fields are: Title (Sensor 1), Server IP/ID (211.232.23.23), Channel (2), User ID (guest), Password (password), LiveView (CMS), LiveView Position (02), Camera Direction (a sensor icon selected), and DDNS Address. There are OK and Cancel buttons at the bottom.

- Title, Server IP/ID, Channel can be reset (Activated)
- User ID, Password, LiveView title, Position, DDNS address are fixed (Inactivated)
- Camera/Sensor direction: It can be edited by marking one of directions.

**[PTZ Control]** Refer to 5.2 LiveView

## 6. HISTORY VIEW WINDOW

- Undocking/Docikng of history/mode/main view window
  - Undocking: Left mouse click & drag each tool bar or Double click
  - Docking: Click minimize button



- History type: Event history, Application History
- Display mode: Text, Thumbnail

### 6.1. Event history (Live)

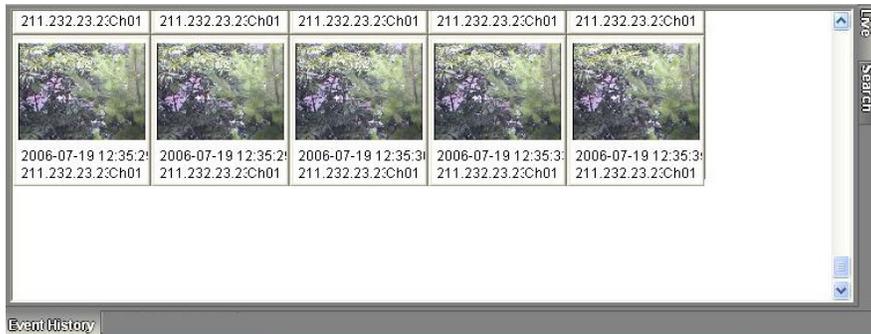
[Text]

No	Time	Event Type	IP / ID	Channel
556	2006-07-19 15:57:47	MOTION	211.232.23.23	1
555	2006-07-19 15:57:47	MOTION	211.232.23.23	4
554	2006-07-19 15:57:46	MOTION	211.232.23.23	3
553	2006-07-19 15:57:43	MOTION	211.232.23.23	2
552	2006-07-19 15:57:34	MOTION	211.232.23.23	2
551	2006-07-19 15:57:34	MOTION	211.232.23.23	4
550	2006-07-19 15:57:24	MOTION	211.232.23.23	2
549	2006-07-19 15:57:24	MOTION	211.232.23.23	4
548	2006-07-19 15:57:14	MOTION	211.232.23.23	2
547	2006-07-19 15:57:13	MOTION	211.232.23.23	4
546	2006-07-19 15:57:07	MOTION	211.232.23.23	1
545	2006-07-19 15:57:04	MOTION	211.232.23.23	1
544	2006-07-19 15:56:49	MOTION	211.232.23.23	1
543	2006-07-19 15:56:48	MOTION	211.232.23.23	1
542	2006-07-19 15:56:47	MOTION	211.232.23.23	1

At the bottom of the table, there is a tab labeled "Event History".

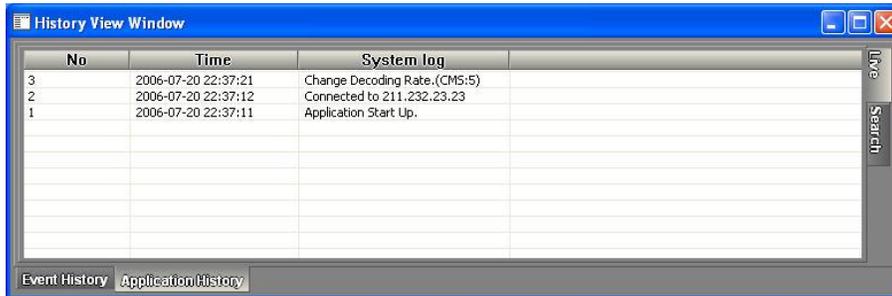
- Display information: No. of event, time(yy/mm/dd, h/m/s), event type (recording mode), server IP/ID, server channel

### [Thumbnail]



- Display information: Server IP/ID, server channel, time(yy/mm/dd, h/m/s)

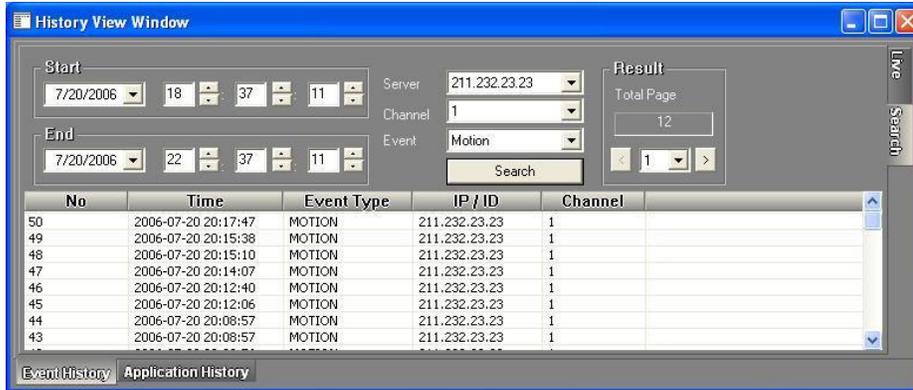
### 6.2. Application history (Live)



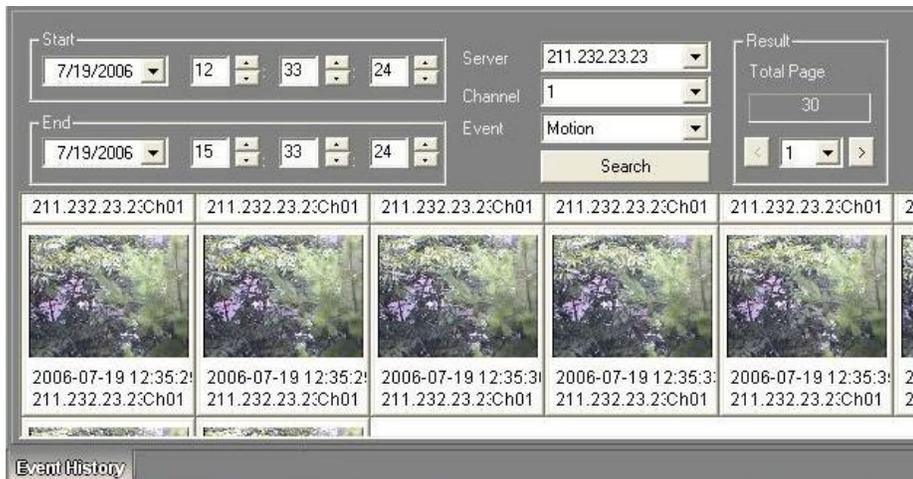
- Display information: No. of events, time(yy/mm/dd, h/m/s), system log

### 6.3. Event history (Search)

[Text]



[Thumbnail]



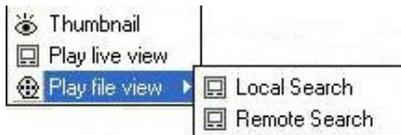
- Search condition: Duration time, server IP/ID, channel, event type
- Result shows the total pages for the searched data.

## 6.4. Application history (Search)



- Search condition: Duration time, event type
  - Result shows the total pages for the searched data.
  - The log data is stored in the local PC. (C:\Program Files\CMS\Data\*.sys)
- ※ Note: Event image files are deleted when the synchronized recording data start to be deleted. Therefore, in consideration extra size of system drive, we recommend you to use as No Event Capture as a default. (Refer to the following 7.1.2)

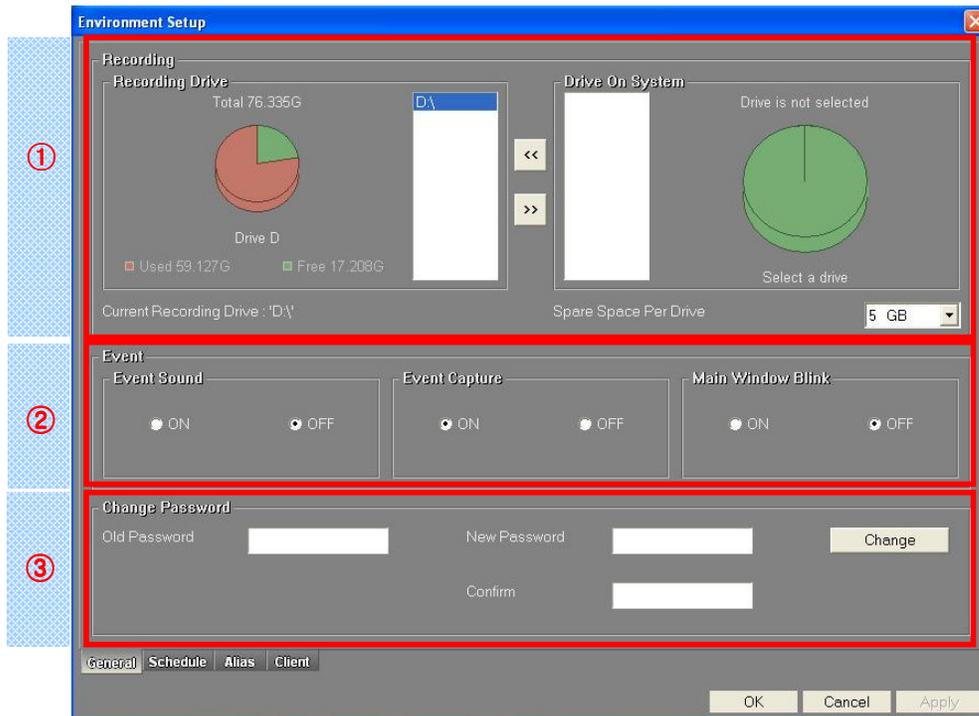
## 6.5. Pop-up menu for Event history (Live & Search)



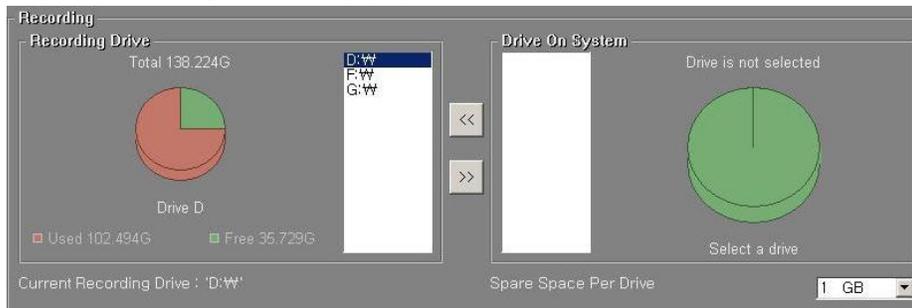
- Thumbnail/Text: It converts text into thumbnail and vice versa.
- Play live view  
If you click “Play live view” after selecting event item (text or image), the related Map/Group panel is activated automatically. To apply this feature, Map/Group panel should be displayed in the main view window.  
(In Live mode, double clicking on the item gives you the same operation)
- Play file view  
If you click “Local/Remote Search” after selecting event item (text or image), the related file is played back from the event occurring on the FileView automatically. To apply this feature, fileview panel should be displayed in the main view window.  
(In Search mode, double clicking on the item gives you the same operation)

## 7. RECORDING SETUP

### 7.1. General setting



#### 7.1.1. Recording drive setup (①)



- Recording drive: This is drive setting for operating the recording, left section is for recording drive and right one is for system drive. You can edit this drive setting by using   buttons.

(Note: Drive which Windows OS is installed should not be used as a recording drive for the stable system operation and it will not be displayed on Drive On System section)

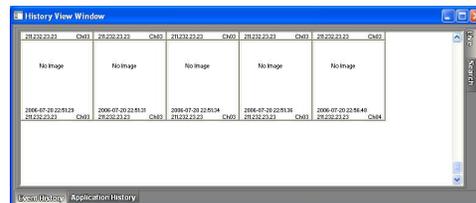
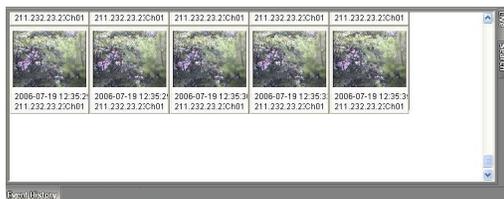
- It shows you used and free size information graphically.
- Spare space per drive: We recommend you to leave at least 5GB in each drive for the stable system operation.

### 7.1.2. Event setup (②)

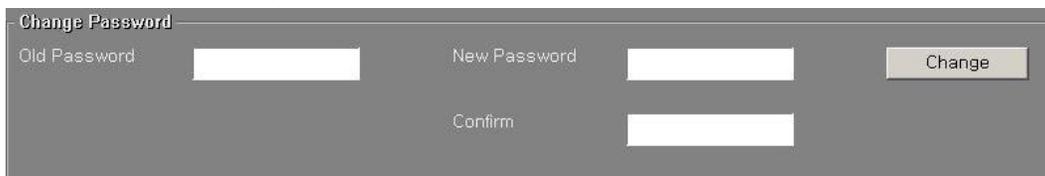


- Event Sound: If you set event sound on, alarm sounds when events happen in order to inform system manager.
- Event Capture On makes event data with snapshot images in event history. Event Capture Off makes only event date with blank images.
- Main Window Blink: If you set it on, you can have blinking of CMS tab when events happen. This is to notify event situation to system manager in a simple way.
- After finishing all settings, apply the changes to press 'OK' or "Apply" button.

#### [Comparison between event capture on and off]

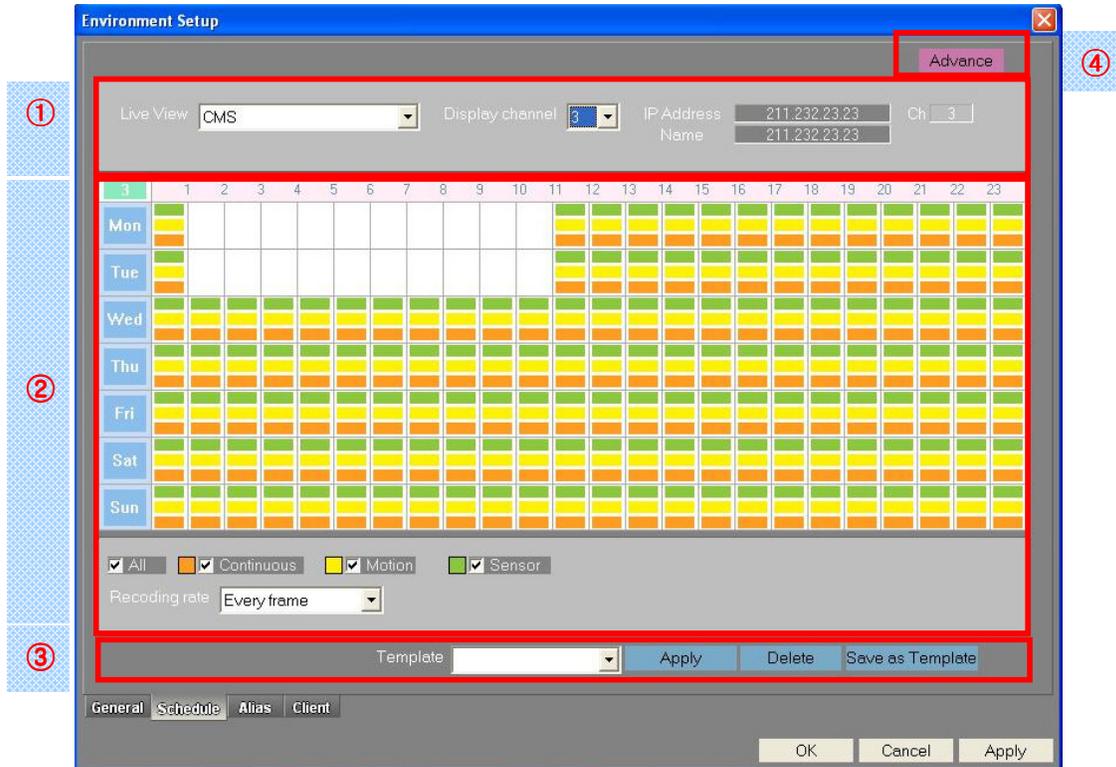


### 7.1.3. Password setup (③)



- You need to know the pre-assigned password to change it.
- After changing it, you should click "Change" button to apply it.

## 7.2. Schedule setting



### 7.2.1. Connection information (①)



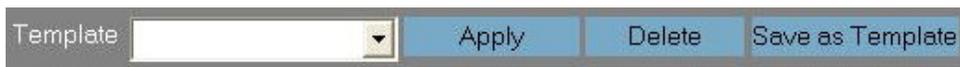
- LiveView: You can select one of LiveView titles.
- Display channel
  - It shows you the connected channel. You can apply the recording schedule to each channel.
  - When you click the channel, the channel information (IP address, Name, channel no.) is displayed on the right box.
- All: If you want to apply a recording schedule to All channels, you should select 'All' to do a simple and quick setup.

### 7.2.2. Recording schedule (②)



- Recording mode: Continuous, Motion, Sensor
- Recording rate: You can set recording frame rate as to live transmitted frame rate.
- Daily & Weekly schedule in 24 hours
- Add/Delete recording schedule
  - Check required recording mode
  - Click and drag left/right mouse button to add/delete the recording mode (In case of deletion, eraser mark is shown)
- All: You can apply the chosen recording modes to all date and time with one mouse click.

### 7.2.3. Template setup (③)



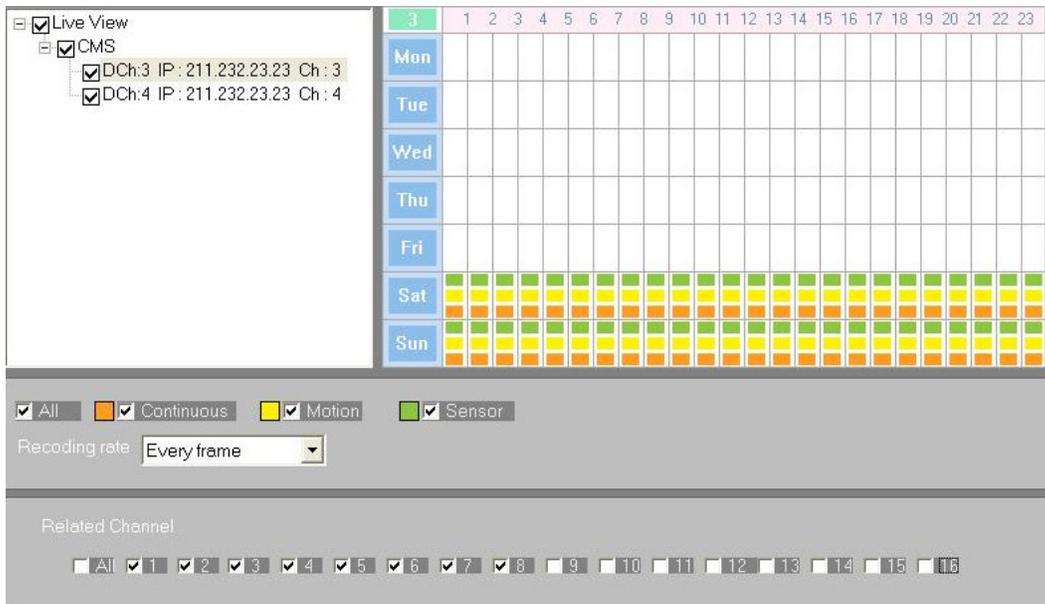
For the future modification or additional setting, you can make some templates.

- Finish recording schedule setting in the above table
- Click **Save as Template**
- Input template name on the below blank.



- When needed, you can load a pre-defined template and click **Apply**.

#### 7.2.4. Advanced setup (④)

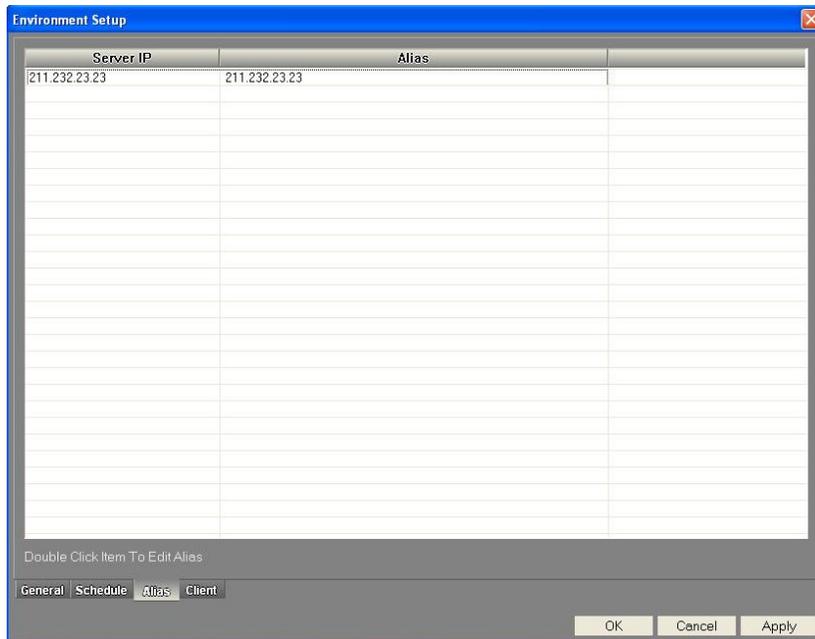


- Tree structured channel display
  - Each channel can be marked separately and upper level LiveView can cover lower level one with one mouse click.
  - In case of different channels required the same schedule, you can mark and apply the same setting to them with one mouse click.
- Recording schedule: Refer to 7.2.2
- Related channel: This is for event cooperation with a specified channel  
If you mark some related channels after you select a channel in the tree structure and then when events happen on the specified channel, other related channels are operating the same event and signal.

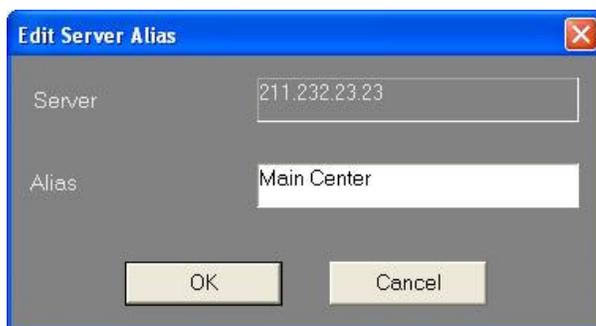
### 7.3. Alias setting

Alias function is to give a specific nickname to an IP address in order for system manager to distinguish from each cameras.

- Double click "Item" to edit alias.



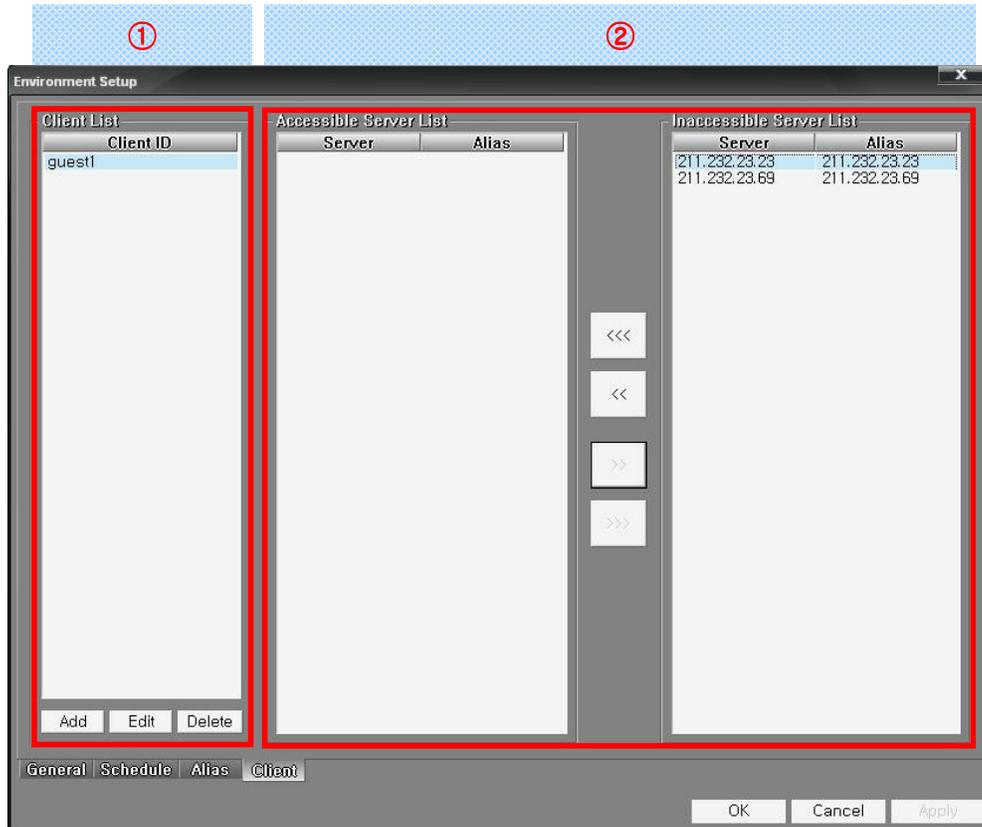
- Input Alias on the message box. (Check if IP address of server is matched)





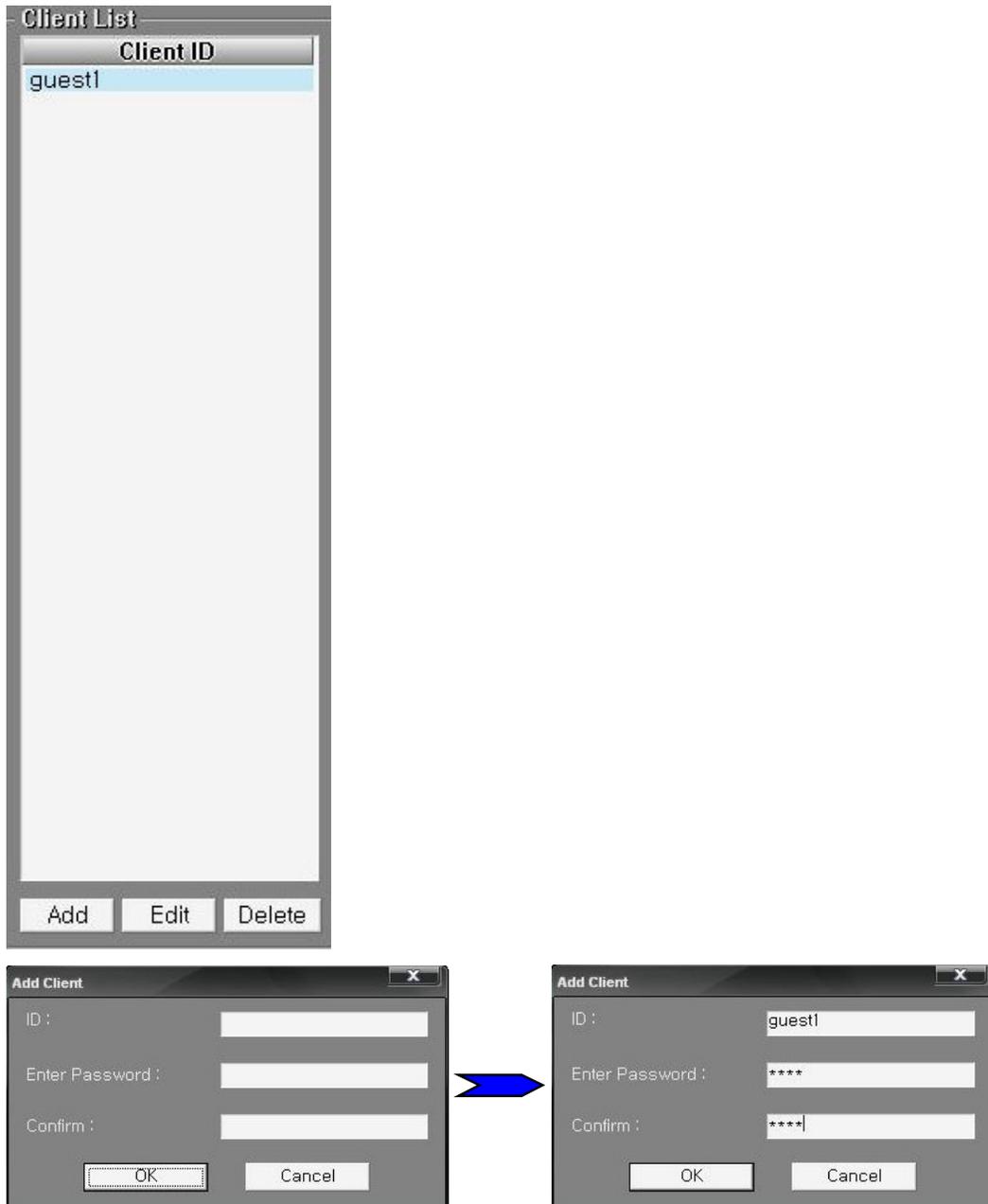
## 8. CMS Client

### 8.1. Environment Setup (CMS)



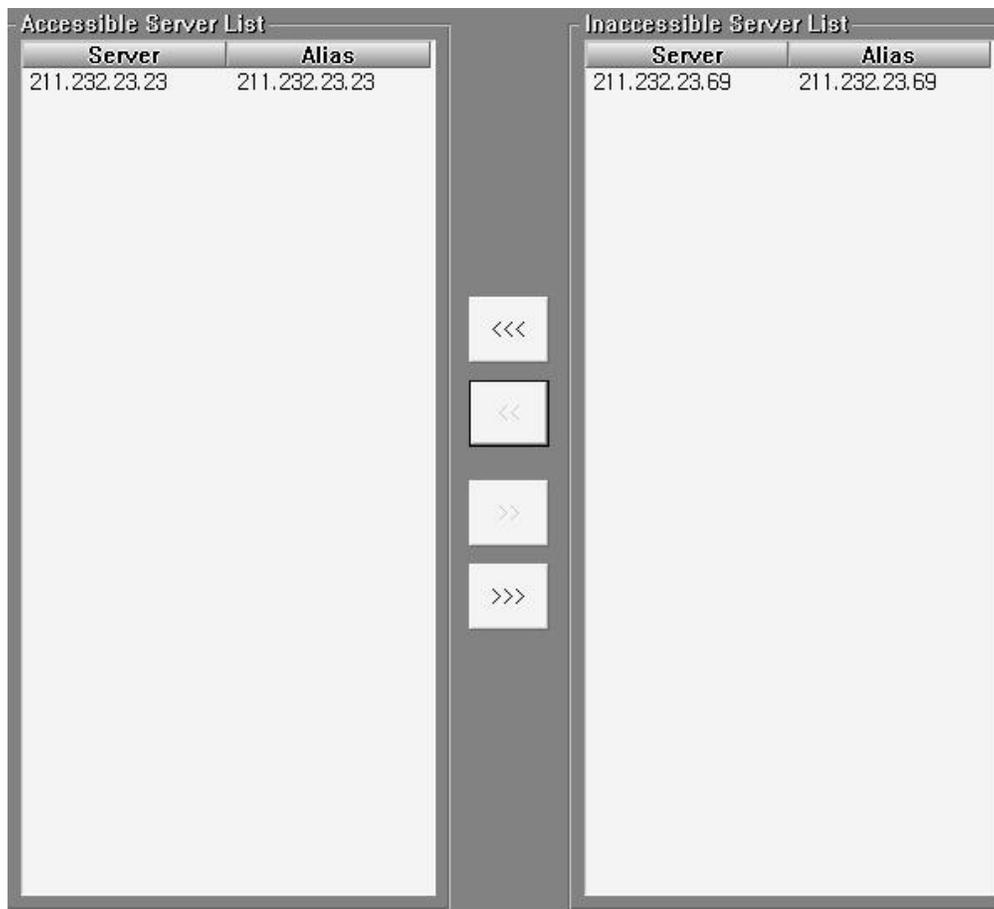
### 8.1.1. Client list (①)

You can add client IDs to this list. This is the ID for access to CMS server.



- After clicking "Add" button, you can input new ID & Password as to the above pictures.

### 8.1.2. Server list (②)

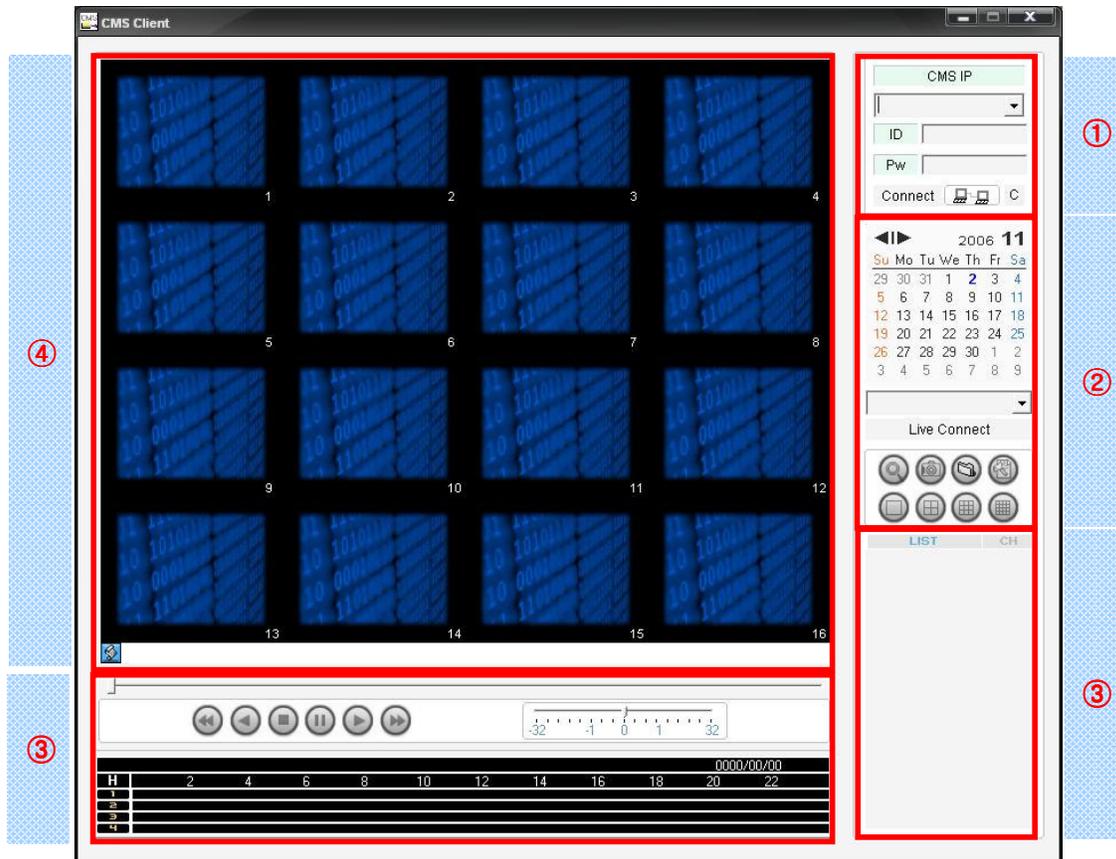


- Accessible Server List: User can access to these video servers by using the specific ID.
- Inaccessible Server List: User can't access to these servers for these video servers.
- << / >> : Move into each box in each video server IP.
- <<< / >>> : Move into each box all video server IPs.

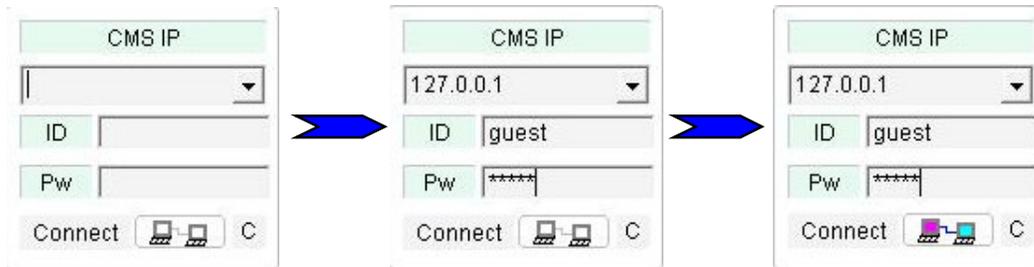


- After all settings is done, you have to click "OK" button to save the setting value.

## 8.2. CMS client software

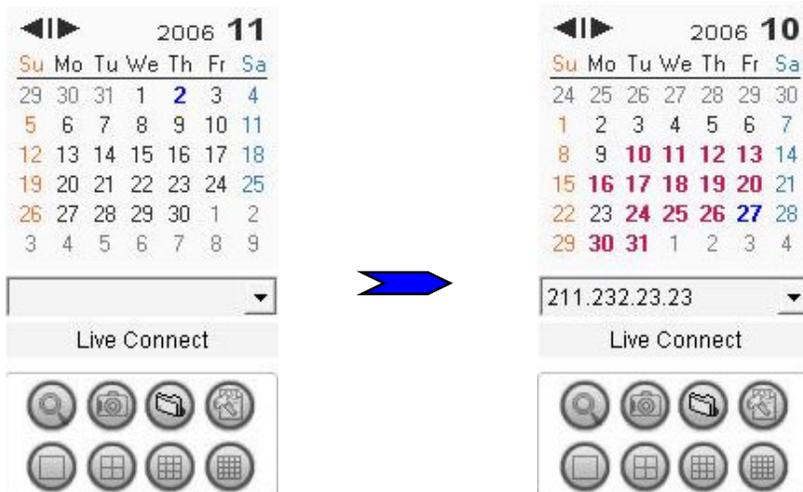


### 8.2.1. Connection information (①)



- Combo box: Input the IP addresses of CMS PC. They are saved automatically and selected in the combo box.
- ID & Password: These are made in CMS environment setup and CMS client user has to memorize them for login.
- After inputting CMS IP address, ID & Password of CMS client completely, click “Connect” button. When the connection is done successfully, the color connection icon is changed.
- “C” means CLEAR, so that when you want to delete all of the saved CMS IP addresses, you can click “C” button.

## 8.2.2. Display control (②)



- Calendar
  - **Grey:** Not recorded date
  - **Deep blue:** Searching date
  - **Red:** Recorded date (Activated)
- Combo box: It shows you the accessible IP address of video server automatically after login connection.
- Live Connect: It is connected to the video server of the selected IP address.
- Icon display
  -  Search for recorded data of the selected IP address
  -  Capture a still image
  -  Open a recorded file to play back
  -  Playback display configuration
  -  1 / 4 / 8 / 16 Division

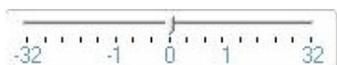
### 8.2.3. Playback control (③)

- Icon display



- Playback speed control

Playback speed varies from -32 to 32 in each channel independently.



### 8.2.4. File list (1<sup>st</sup> way to playback)

List	Ch
15:00:00	4
14:00:00	4
13:00:00	4
12:00:00	4
11:00:01	4
10:00:00	4
09:00:00	4
08:00:00	4
07:00:00	4
06:00:00	4
05:00:00	4
04:00:00	4
03:00:00	4
02:00:00	4
01:00:00	4
00:00:00	4

- One hour based file
- Recording mode : Sensor Motion Continuous
- List and channel can be sorted out by clicking the title on the top.

### 8.2.5. Intelligent Time Map (2<sup>nd</sup> way to playback)

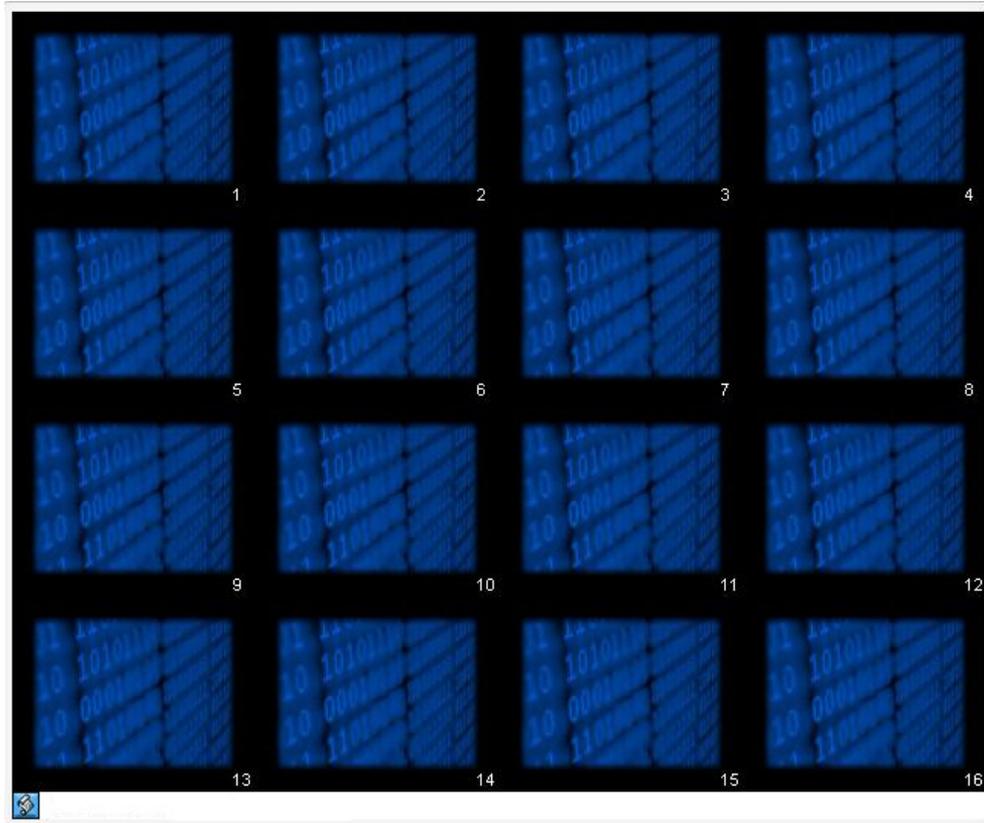
211.232.23.23										2006/10/26	
H	2	4	6	8	10	12	14	16	18	20	22
1											
2											
3											
4											

- It shows different color in each recording mode.

**SENSOR** **MOTION** **CONTINUOUS**

- When you click the time you want to see and do right mouse button, you can have one hour base time map for the time.
- You can move the time scroll freely and the playback is linked with the movement of time scroll.
- When you click the channel number which is positioned on the left, the playback of selected channel will be unactivated.

### 8.2.6. Display window(④)



- It shows you 1/4/8/16 division display mode.
- Status button gives you all information regarding to the video display operation.