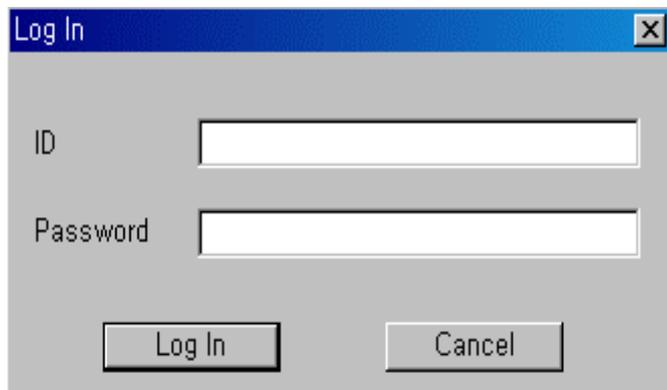
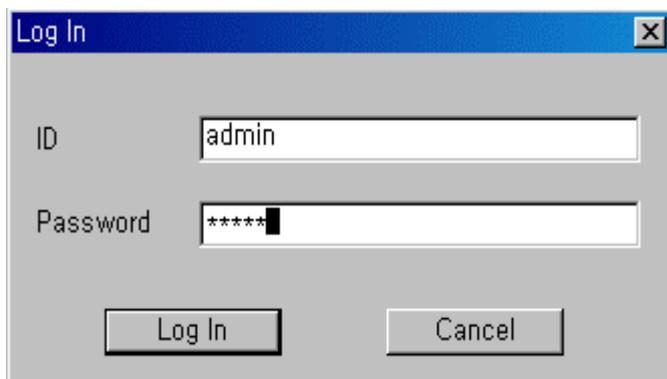


CHAP. 1	How to log in CMS program	-----	2
CHAP. 2	Composition of User Interface		
2-1.	Live Display Window	-----	3
2-2.	PlayBack Display Window	-----	4
2-3.	Setup Mode Display Window	-----	5
2-4.	Group Setup Display Window	-----	6
CHAP. 3	Setup		
3-1.	CMS Setup	-----	7
3-2.	Site Setup	-----	8
3-3.	Text Type Setup	-----	9
CHAP. 4	Group Setup		
4-1.	Outline of Group Function	-----	10
4-2.	How to add a Group	-----	11-12
CHAP. 5	Live		
5-1.	Outline of Live Mode	-----	13-14
5-2.	How to Connect	-----	15
5-3.	How to disconnect	-----	16
5-4.	How to switch from Multi-Split Mode to Full Screen Mode	-----	16
CHAP. 6	PlayBack		
6-1.	Outline of PlayBack Mode	-----	17,18,19

CHAP. 1 How to log in CMS program

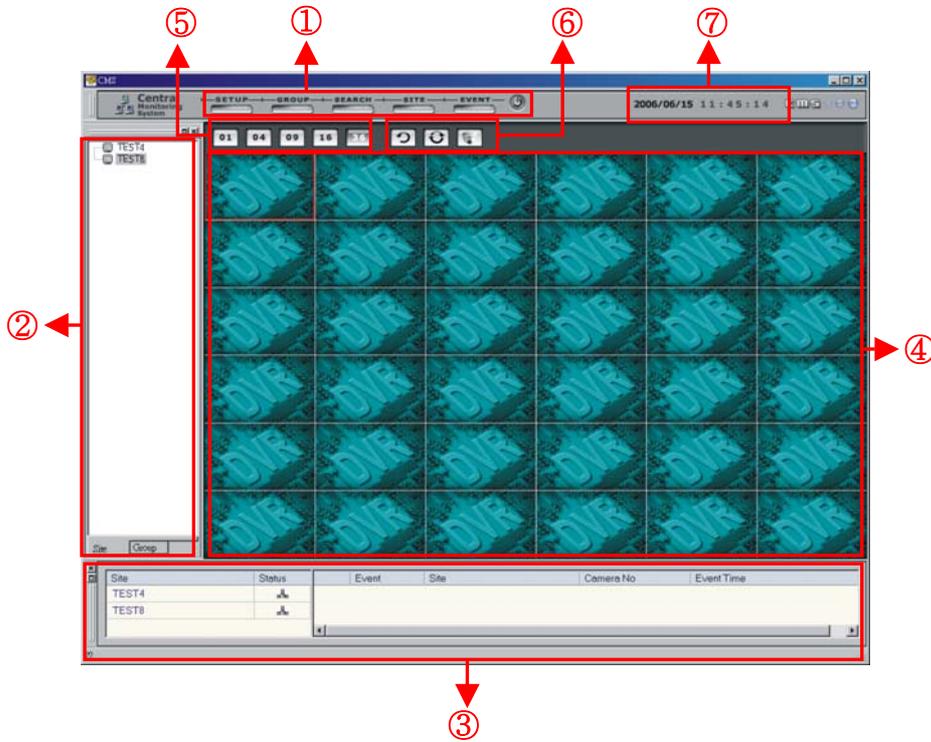
- ① When you first run CMS program, you see this Log-In Window.



- ② Type 'admin' for ID & Password. Then, click 'Log In' for the initial log in.

CHAP. 2 Composition of User Interface

2-1. Live Display Window



① CMS Program Main Icons

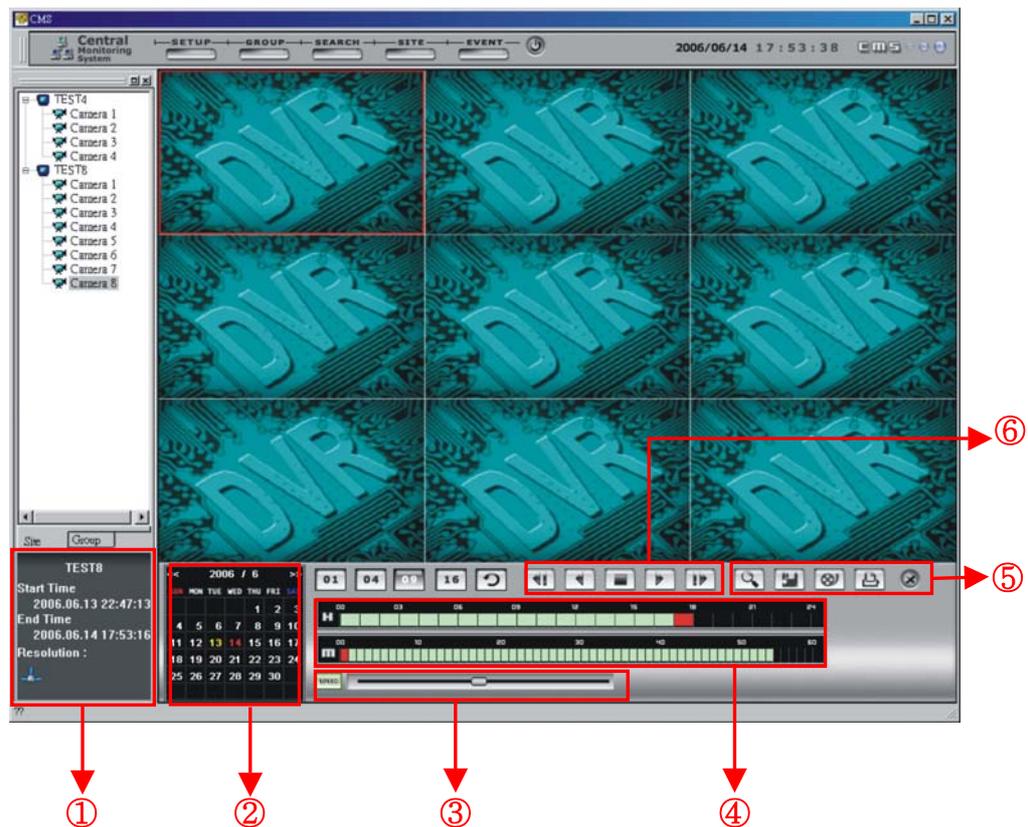


- | | |
|--|--|
|  Setup : shows Setup window |  View Tree : Shows Site Tree Window |
|  Group Setup : Shows Group Setup Window |  View Event : Shows Event List Window |
|  Search : Transfers to Search Mode |  Exit : Exit Program |

- ② Registered Site and Group Information list box
- ③ Connection Status Display and Event List Display box
- ④ Split Screen of Image Display
- ⑤ Icons for Channel Split Selection (1 , 4 , 9 , 16 , 32)
- ⑥ Rotation , Auto Rotation , P/T/Z
- ⑦ Current Time Display

CHAP. 2 Composition of User Interface

2-2. PlayBack Display Window

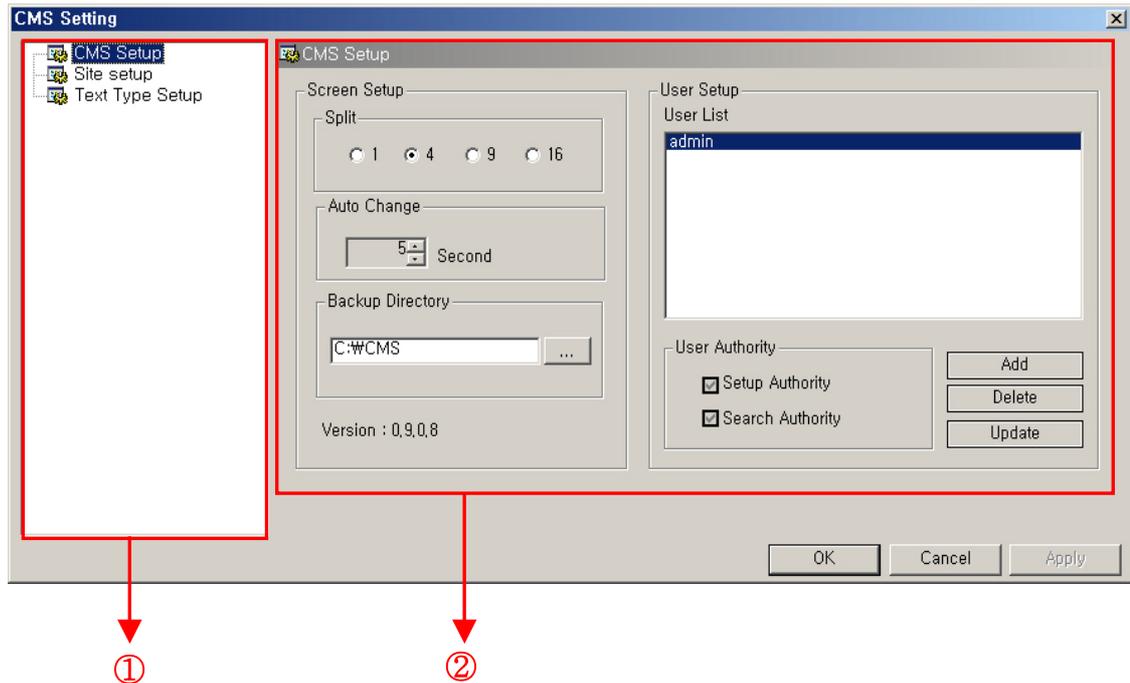


- ① Start & End Time Display of Recorded Images from a Connected Site
- ② Recorded Date Display
- ③ Playback Speed Selection Bar
- ④ Time Selection Bar of Recorded Images
- ⑤ Buttons for Search Event , Save Image , Save Avi , Print , Close Search
- ⑥ Control Buttons for Image Display

CHAP. 2 Composition of User Interface

2-3. Setup Mode Display Window

- Click  icon, then you see setup window shown below.

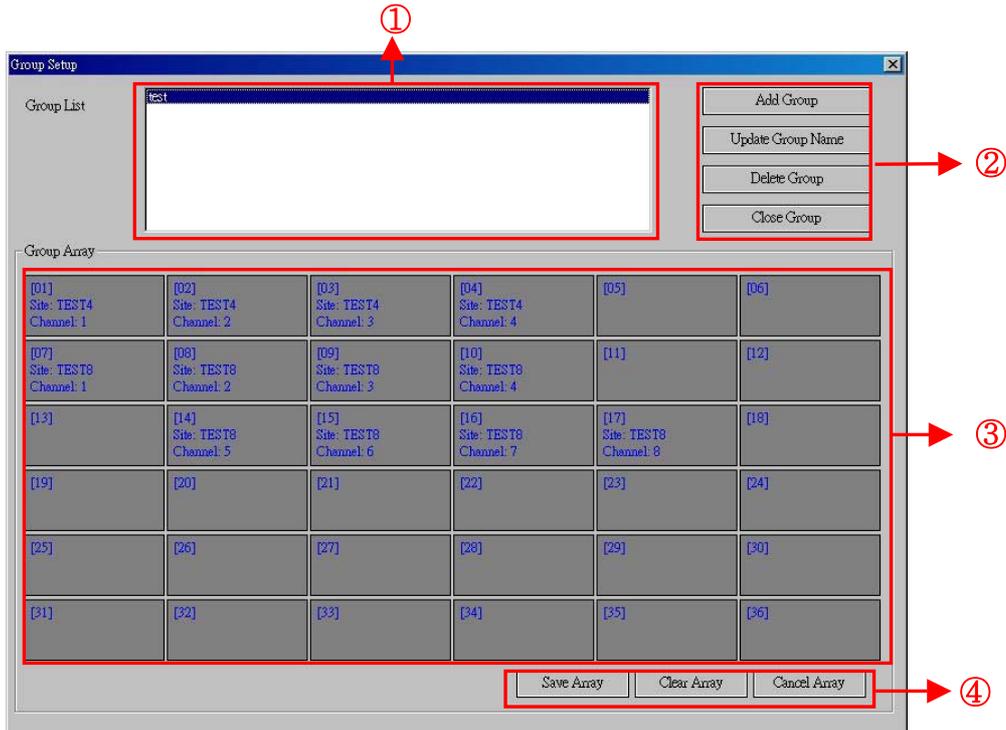


- ① Setup List
(CMS Setup, Site Setup, Text Type Setup)
- ② Setup Display
(Screen Setup and User Setup)

CHAP. 2 Composition of User Interface

2-4. Group Setup Display Window

– Click  icon, then you see setup window shown below.

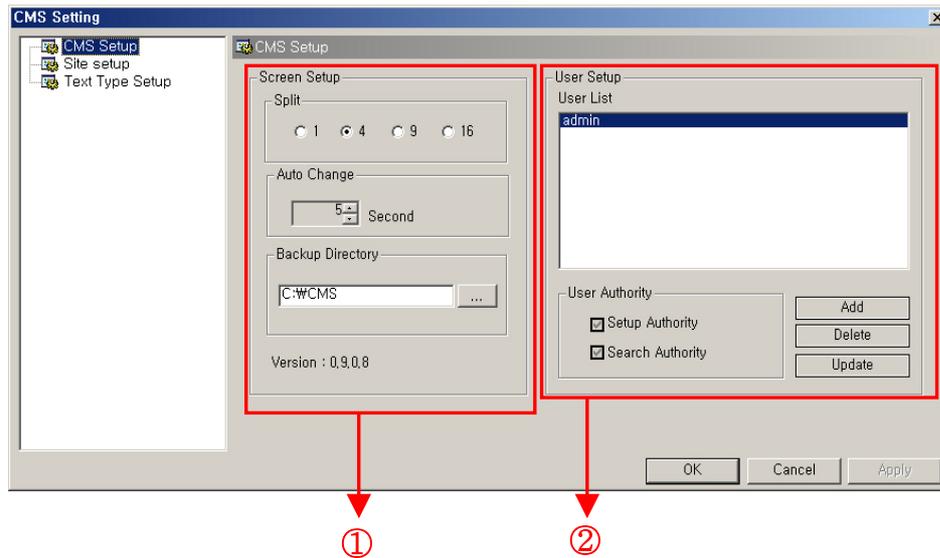


- ① Registered group list box
- ② Buttons for Group Management
- ③ Channel Array saved in a group
- ④ Buttons for Group Array Management

CHAP. 3 Setup

3-1. CMS Setup

- Click  icon, then you see setup window shown below.



① Screen Setup

- Split : Initial Split Display Setup
(When you first run the CMS program, you can see this initial split image display as you selected. 1/4/9/16)
- Auto Change : Duration Setup of Auto Rotation
(Use arrow buttons to adjust duration 5~60 sec)
- Backup Directory : Selects Backup Directory
(You can choose a backup directory that backup images will be saved.)
- Version : Version Information of CMS program

② User Setup

- User List : CMS User List
- User Authority : Authority given to an User
 - + Setup Authority : You can grant authority to an user to manage setup.
 - + Search Authority : You can grant authority to an user for search mode.

Click 'Add' button to add a user in this list.

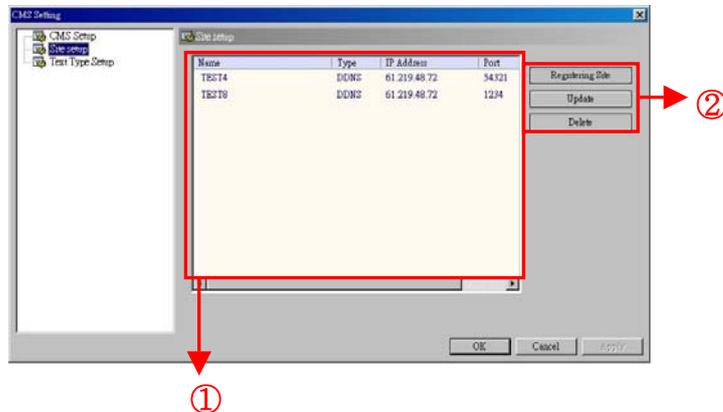
Type a user name as you want in 'User Name' text box.

Put a password that you want and confirm it again.

Choose authority that you want to grant to an user. Then, click 'OK' button.

CHAP. 3 Setup

3-2. Site Setup



① Registered Site List

② Registration

Site Registration Window

- Site name : Site Name to be connected

(You can name it as you want. For example, parking lot#1)

- Type : You can input IP address manually or automatically via DDNS.

(Manual)

It connects to the IP Address that you input manually.

-Address : IP Address of a Site to be connected to.

-Port Number : Port Number of a Site to be connected to.

-User ID : User ID already registered in a DVR.

-Password : Password already registered in a DVR.

(DDNS)

It connects to the IP address assigned from DDNS Server.

+ Member ID : Member ID for Connecting to DDNS Server.

+ Name : DVR Name Registered in DDNS Server.

After you input Member ID & Name, click 'Connect' button.

Then, it automatically shows IP address & Port Number.

In the last place, input User ID & Password and click 'OK' button.

③ Update

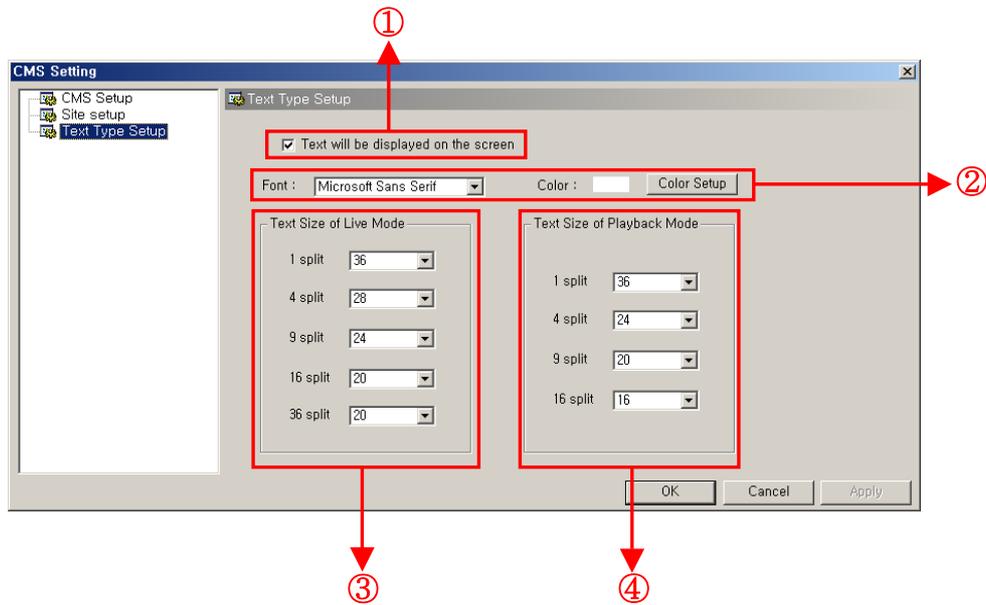
If you want to change the setup of a site which has been already registered, click 'Update' button.

④ Delete

If you want to delete a site, choose the site in the site list box and click 'Delete' button.

CHAP. 3 Setup

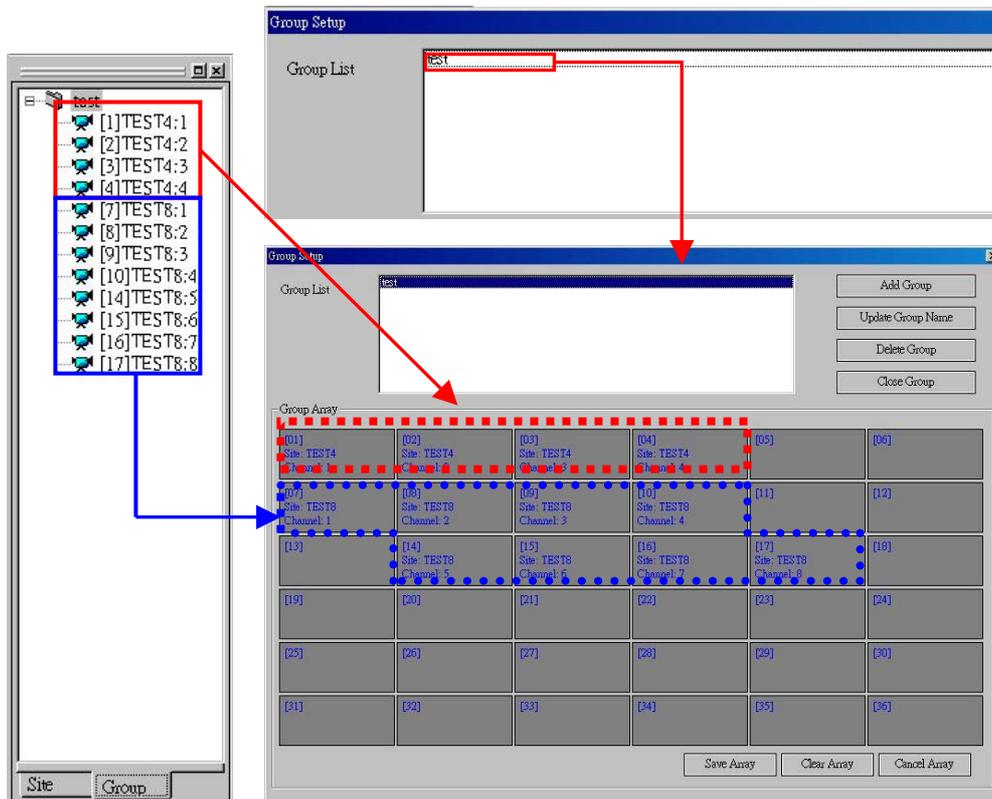
3-3. Text Type Setup



- ① Check box for OSD Display on the screen
(If you don't want to see text on the screen, empty this check box.)
- ② OSD font & Text Color Setup
- ③ OSD Size Setup on each Split Mode for Live View
- ④ OSD Size Setup on each Split Mode for Playback

CHAP. 4 Group Setup

4-1. Outline of Group Function



Group Function :

Allows you to monitor various images from different sites on one screen.



Save Array : Saves Channels selected in Group Array

Clear Array : Clear all channels selected in Group Array

Cancel Array : Cancel the channels added before clicking 'Save Array' button.

CHAP. 4 Group Setup

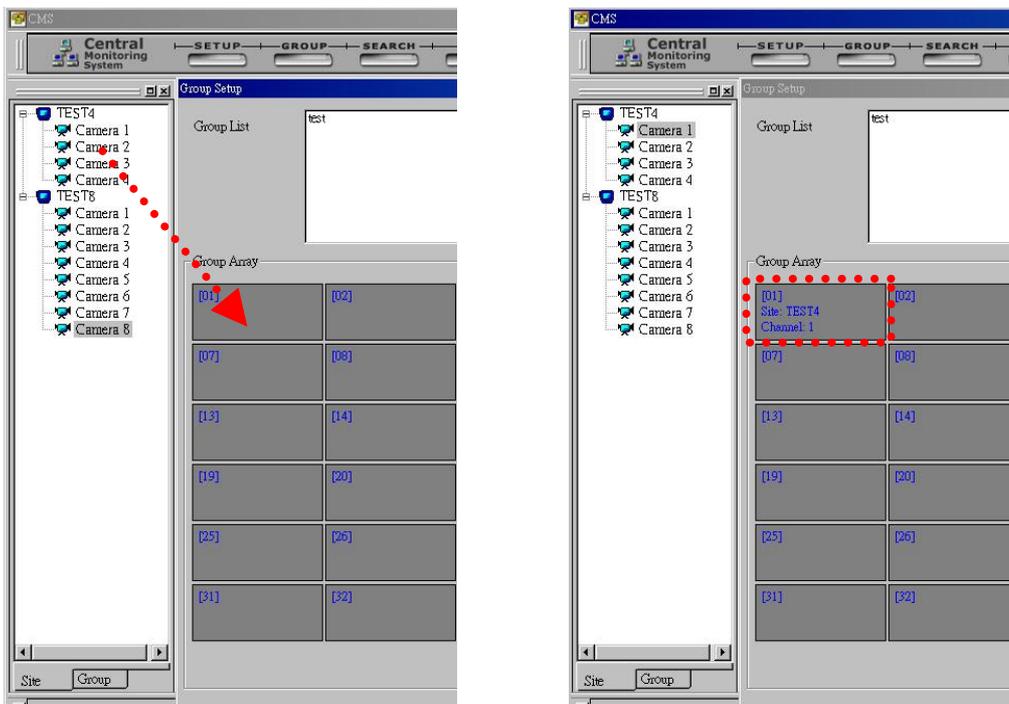
4-2. How to add a Group

- Click  Icon to see the group setup window.

- 1) Press 'Add Group' button and input a new name of a group. Then, click 'OK' Button.



- 2) From the View Tree (site tab) shown below, pick cameras of a connected site and drag & drop onto a group array.

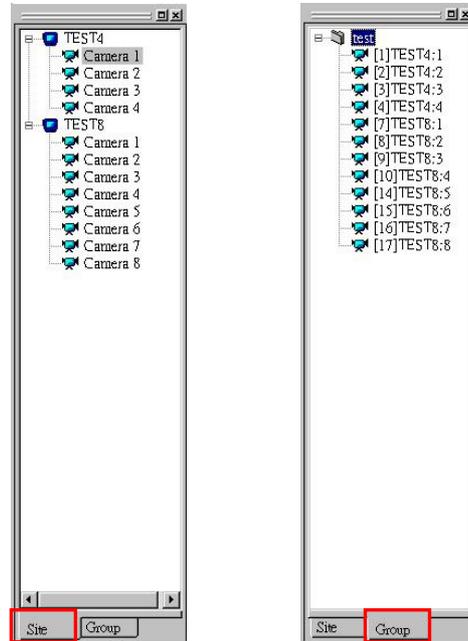


< Before >

< After >

CHAP. 4 Group Setup

- Site & Group View Tree Window showing Registered Sites & Group Information



< View Tree Window >

3) Save the added Array by pressing 'Save Array' button.



4) To exit, click 'Close Group' button. Then, we see the group list as shown in <View Tree Window> above.



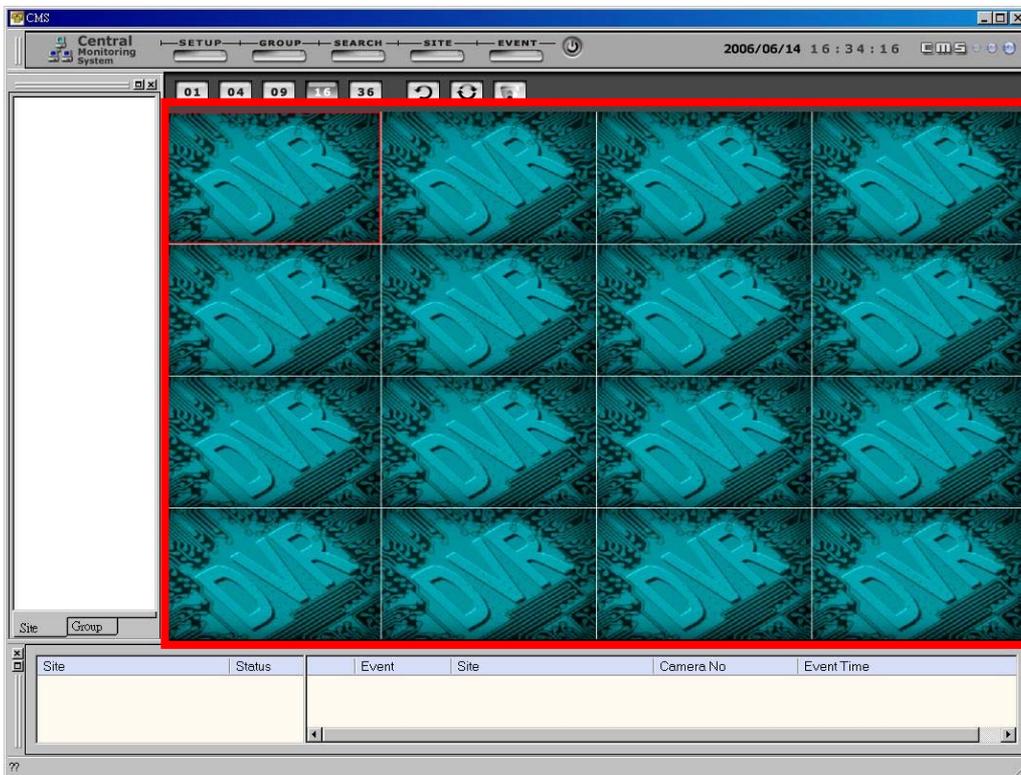
CHAP. 5 Live

5-1. Outline of Live Mode

- ① Event List Window showing Registered Sites & Connection Status

Site	Status	Event	Site	Camera No	Event Time
TEST4		 Loss On	TEST4	01	2006-06-15 14:04:03
TEST8					

- ② Split Display Screen showing Images



- ③ Buttons for selection of split mode (1/ 4/ 9/ 16/ 36)



CHAP. 5 Live

④ : Rotation , Auto Rotation , P/T/Z



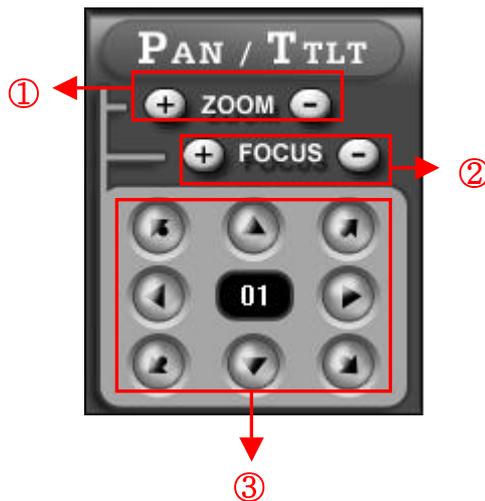
Rotation : Click this button to see the next image



Auto Rotation : It shows the next image automatically.

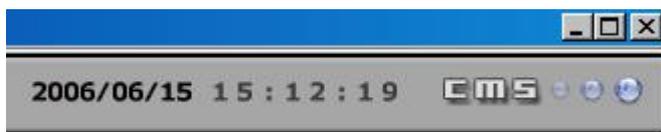


P/T/Z : P/T/Z camera control button
(When you press this button, you will see the window shown below. If you press this button one more time, this window will disappear.)



- ① : Zoom In/Out Arrow Buttons
- ② : Focus Adjustment Buttons
- ③ : Pan/ Tilt Control Buttons

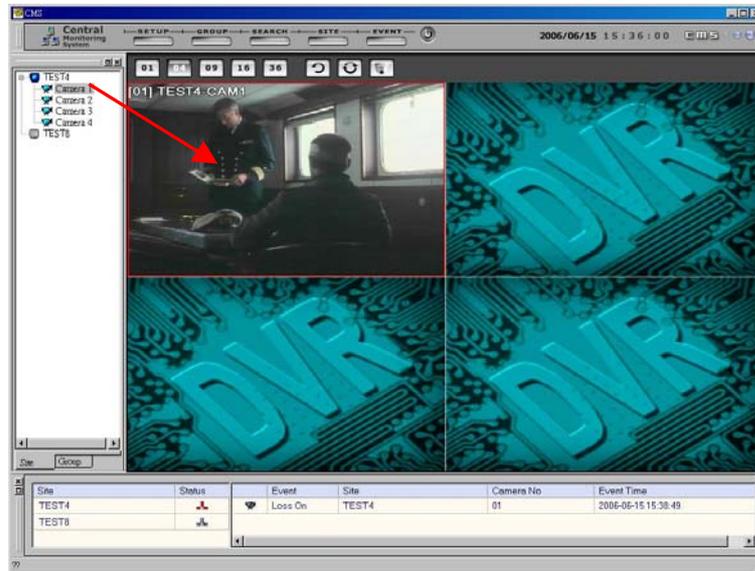
⑤ : Current Time Display Window



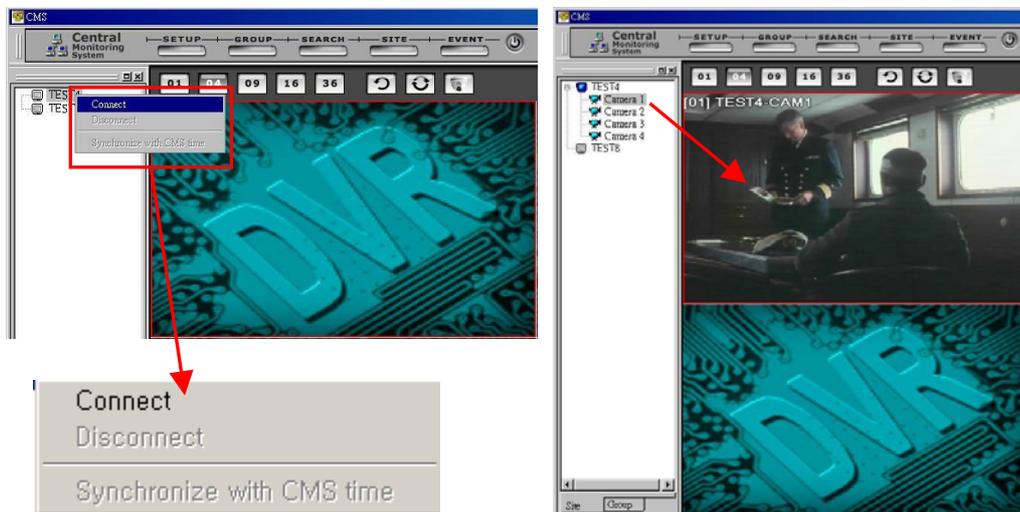
CHAP. 5 Live

5-2. How to Connect

- How to drag a Site onto on the screen



- After 'Right-Click' and select 'Connect' on each site, drag cameras onto the screen.



- * Pop-up Menu of Site Tree Window
 - Connect : Connects to the Site that you select
 - Disconnect : Disconnects from the Site that you selected
 - Synchronize with CMS time : Synchronizes CMS program time with DVR time

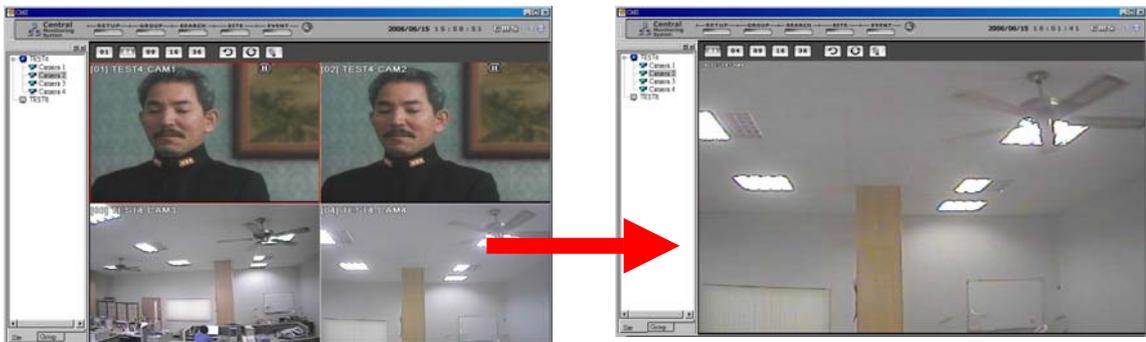
CHAP. 5 Live

5-3. How to disconnect

- After 'Right-Click' on the site that you want to disconnect and choose 'Disconnect' for disconnection.

5-4. How to switch from Multi-Split Mode to Full Screen Mode

- Double-Click the image on split screen that you want to see in a full screen.
- Double-Click again, then you can go back to Multi-Split Mode.



Close

Search

* Right-Click on a image then you will see this popup menu.

Close : Close a chosen image
Search : Go to Playback Mode

CHAP. 6 PlayBack

6-1. Outline of PlayBack

- ① Playback Mode Display
: Shows Recording start time, end time, size of image and connection status.



- ② Calendar Display
: Shows recorded dates.
The yellow color indicates recorded dates and the red color indicates the end date.



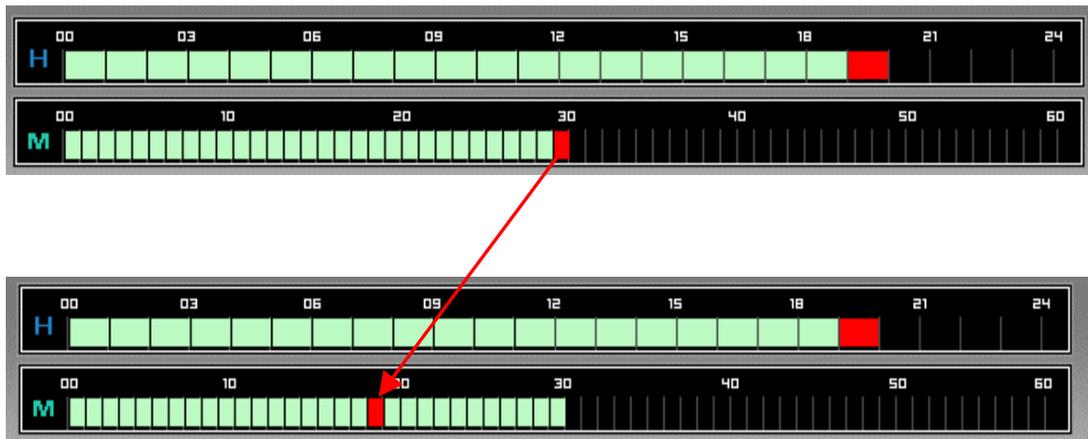
- ③ Playback Speed Bar
: Adjusts playback speed.
(Unable to use while playback is running)



CHAP. 5 PlayBack

④ Time Selection Bar

: Shows Time (Hours and Minutes) of Recorded images so that you can select the recorded images of a certain time that you want to see.



< With one click, you can move a red box to other location that you want to choose.>

⑤ Control Buttons for Image Display



Previous Image : Shows the previous image (one by one)



Play backward : Plays backward



Stop : Stops playing



Play : Plays images



Next Image : Shows the next image (one by one)

CHAP. 5 PlayBack

- ⑥ Icons for special functions
(Search Event , Save Image , Save Avi , Print , Close Search)



Search Event : Shows Event List



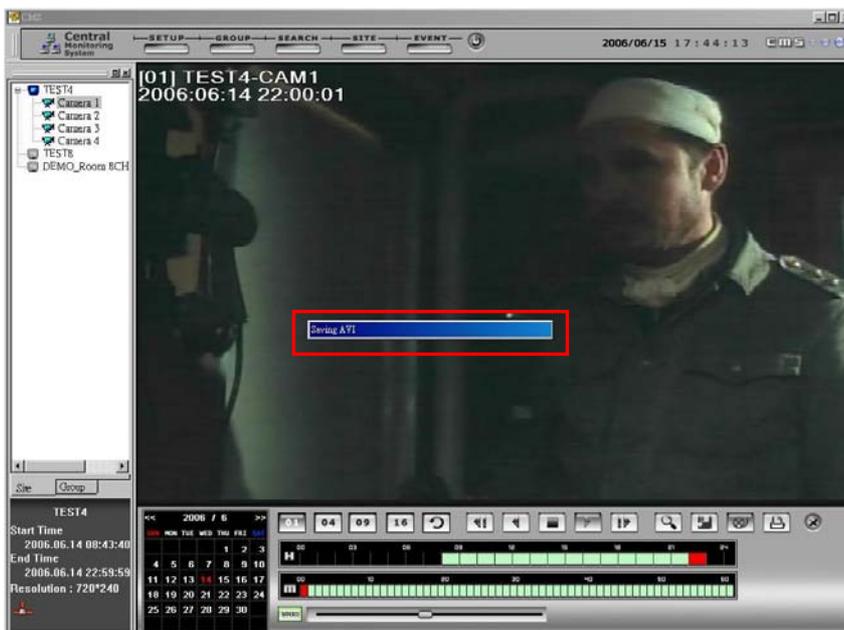
Save Image : Saves an Image in JPG file



Save Avi : Saves in AVI file (Only available on a full screen mode)

Stop playing and click this button, then you see 'Saving AVI' Bar one the screen.

Click this button again, then it stops making AVI file.



Print : Prints a image using a printer



Close Search : Closes Playback Mode and goes back to Live Mode