JVC

Recording Server Software

VN-RS800U Viewer User's Guide

Getting Started

Thank you for using the VN-RS800U recording server software (henceforth VN-RS800).

The VN-RS800 recording server is comprised of the various groups of services that provide the different functions, the [VN-RS800Viewer] viewer application software, and the [VN-RS800Setup] setup tool.
This user's guide provides descriptions on the operating procedures of the VN-RS800Viewer.
Refer to the "VN-RS800 Setup Manual" for procedures on installing and setting up the VN-RS800 recording server.

Main Features of VN-RS800Viewer
-- Displaying live images of the VN-RS800 video recording server
-- Playing back video images of the VN-RS800 video recording server
-- Controlling the camera of the VN-RS800 video recording server

Precautions
-- Specifications of this product may be revised for improvement without prior notice.

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Content

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1. Starting Up the VN-RS800Viewer

1.1. Login

Double-click the VN-RS800Viewer icon on the Desktop screen, or click [Start] – [Programs] – [JVC] – [VN-RS800] – [VN-RS800Viewer] to start the VN-RS800Viewer.

Select a user name, enter the password, and click the [OK] button. The application is launched upon verifying the user.

When entering the password, pressing the [input] button displays the software keyboard for entering the password. To use this screen, make sure to set a password using numerals only.

*Note: It is possible to start without verifying the user by "Windows authentication".

User Verification Screen
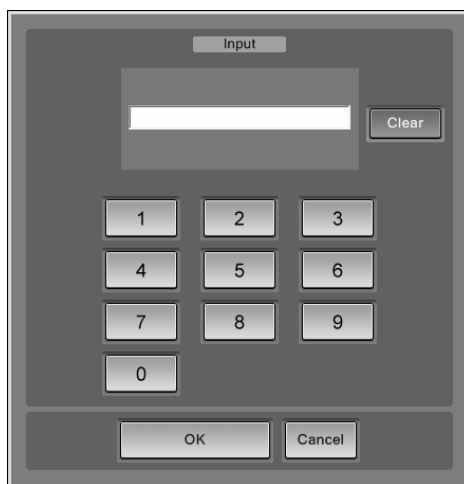
Software Keyboard Screen

1.2. User Authorization

User authorization restricts the operations after starting up the application.

- ・Control not authorized → Unable to switch to the [Camera Control Mode].
- ・Playback not authorized → Unable to switch to the [Play Mode].
- ・Emergency recording not authorized → Unable to perform emergency recording.
- ・Export not authorized → Unable to export AVI files.

2. Displaying Live Video Images

2.1. Live Video Image Display

Click the [Live Cam] button on the top left of the screen to switch to the [Live Mode]. Doing so displays the current image of the specified camera.

Information such as "time, camera name, and the 'Recording' mark" can be displayed on the images.

Clicking the [Info] button on the top right of the screen switches display of the information in the following order.

"Display 'Recording' mark only" → "Display 'Recording' mark and camera name" → "Display all"

Live Mode Screen

Details displayed on live images
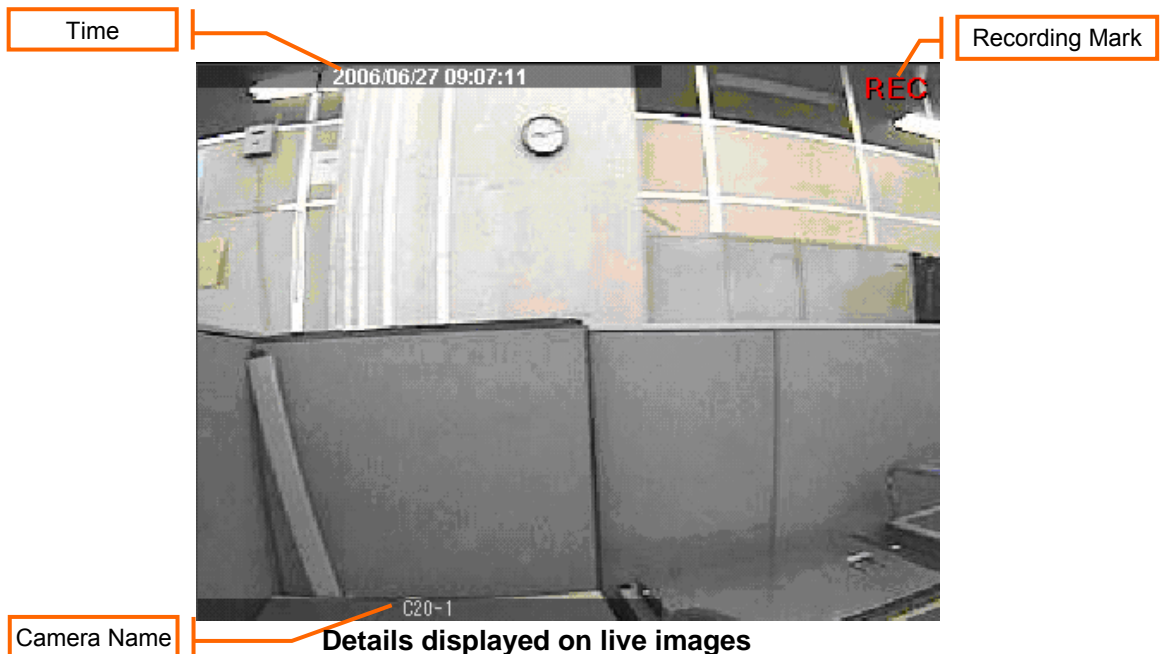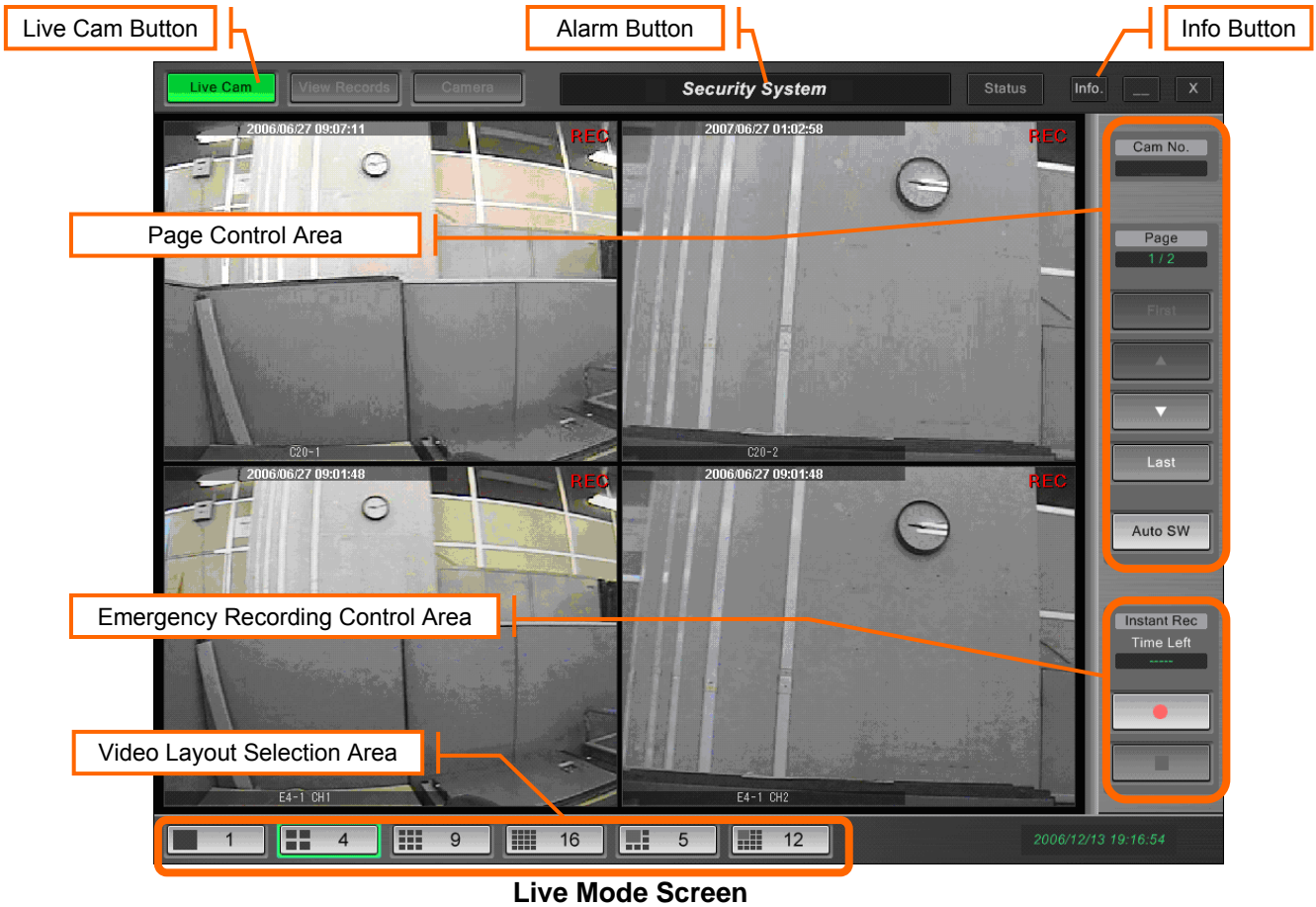
2.2. Video Image Layout

Use the "Select Video Layout Button" at the bottom left of the screen to select a layout according to the number of video images you want to display.

Upon clicking a video image screen, its frame will appear in green. This indicates that the image is selected (henceforth referred to as the selected camera). Clicking each of the layout buttons changes the number of video images. Page including the selected camera is displayed.

When in the 5-screen or 12-screen mode, the "Zoom Area" function is available on the top left of the screen. The Zoom Area function enables enlarged display of the selected camera's video images.

Click the Zoom Area or image of the selected camera to switch to the 1-screen mode. Clicking the video image on the single screen returns the display to the previous layout.

*Note: When the single screen is selected by clicking the [1-Screen] button, clicking on the video image does not restore the display to the previous layout.


Video Layout Selection Area

2.3. Page Control

When the number of registered cameras is larger than the number of video images of the layout, images of all cameras can be displayed via page control. The total number of pages is "No. of registered cameras / No. of images of layout".

For the zoom areas in the 5-screen or 12-screen mode, image of the selected camera continues to be displayed when the page number is altered.

Click the [Auto SW] button to select whether to start/stop the "Automatic Page Switch Feature".
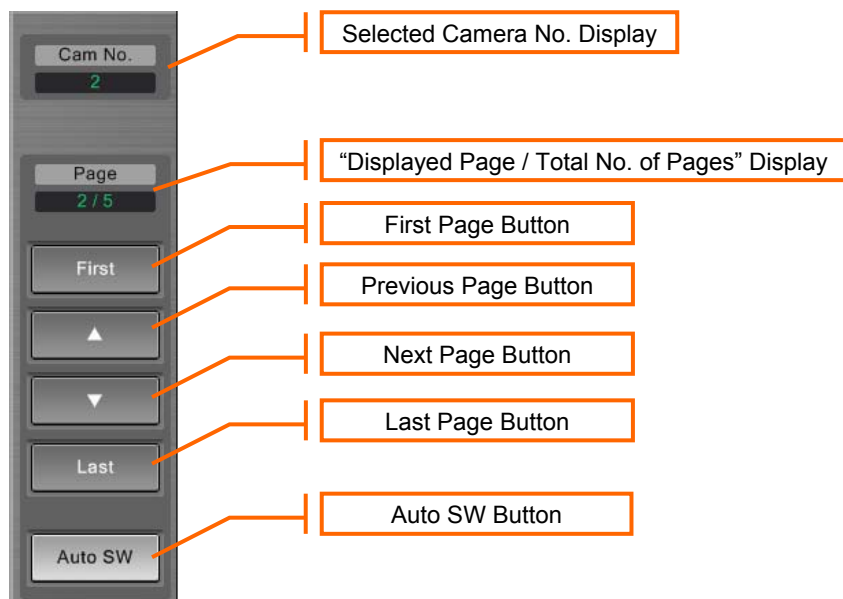
Page Control Area

Example: Camera numbers displayed on each page (when 16 cameras are registered)

Layout	Page 1	Page 2	Page 3	Page 4	...	Page 16
1-Screen	1	2	3	4	...	16
4-Screen	1 - 4	5 - 8	9 - 12	13 - 16	-	-
9-Screen	1 - 9	10 - 16	-	-	-	-
16-Screen	1 - 16	-	-	-	-	-
5-Screen	1 - 5	6 - 10	11 - 15	16	-	-
12-Screen	1 - 12	12 -16	-	-	-	-

3. Playing Recorded Video Images

3.1. Playback of Recorded Video Images

Click the [View Records] button on the top left of the screen to switch to the [Play Mode]. The Play button can be clicked only when a camera is selected. Clicking the button plays back video images recorded in the selected camera.
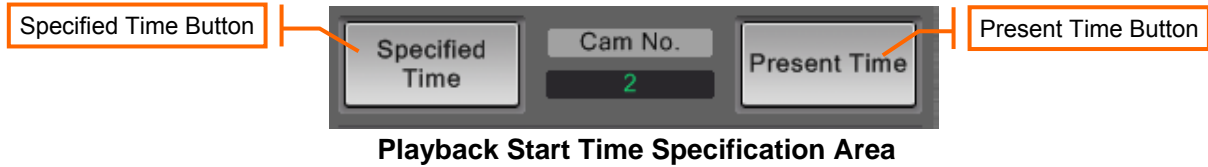

Play Mode Screen
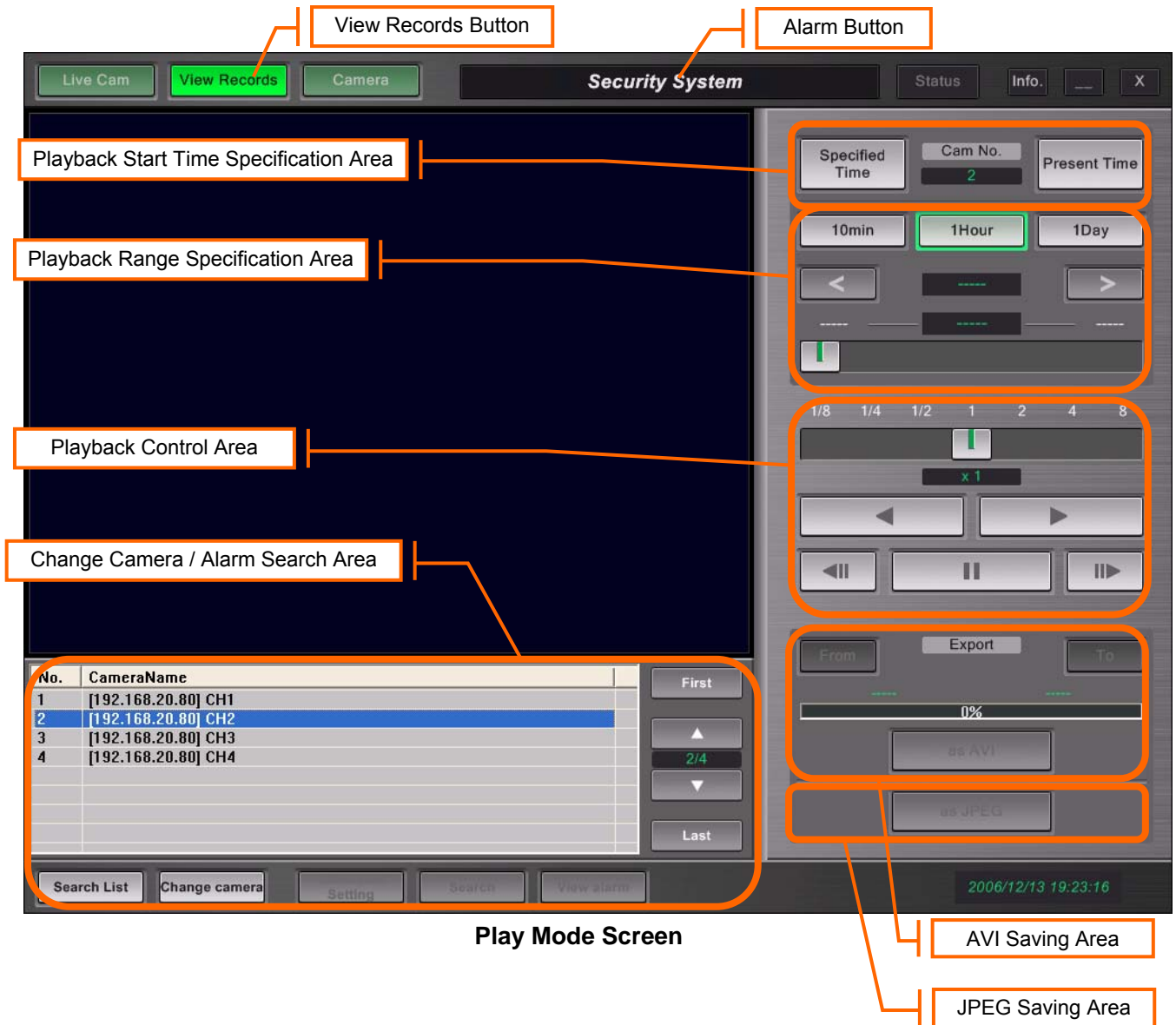
3.2. Playback Start Time

Click the [Present Time] button to start playback of the latest recorded video images.

* Note: The latest recorded video images are about 40 seconds before the system time.

Click the [Specified Time] button to display the "Specify Playback Start Time Screen".

Playback Start Time Specification Area

Enter the time and click the [OK] button to start playback from the specified time.

**Specify Playback Start Time Screen**
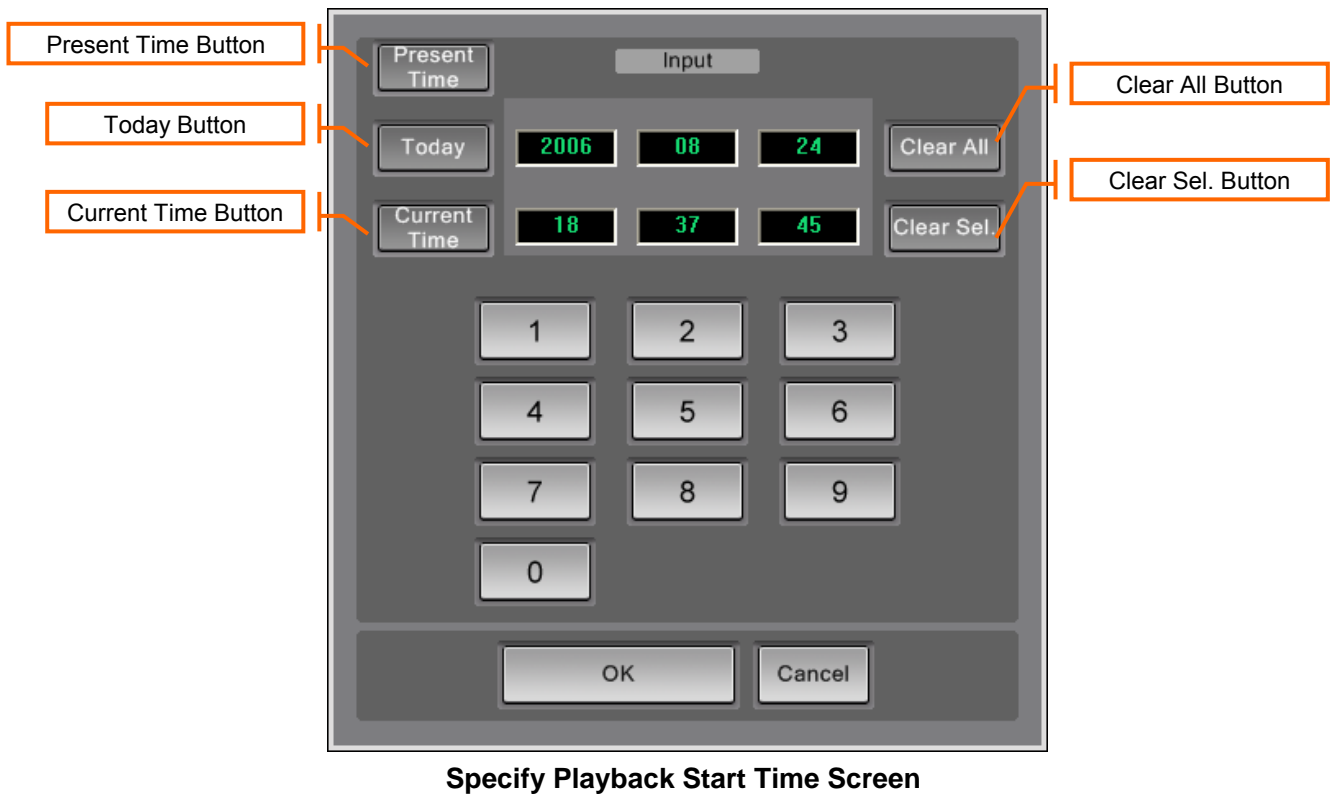
3.3. Playback Range

Operate the playback range accordingly to play back the video images of a specific time that you want to view.

The [Playback Range (10 min / 1 Hour / 1 Day)] buttons are used to select the range of the seek bar. For example, when 1 hour is selected, the time range from the left to the right end of the seek bar represents a duration of 1 hour.

The [Skip Range (Previous/Next)] buttons are used to slide to the previous or next seek bar range. For example, when the seek bar range is at "9:00 – 10:00", clicking the [Skip Range (Next)] button shifts the seek bar to the "10:00 – 11:00" range.

Sliding the seek bar changes the playback time. Playback will start from the time where you stopped sliding.

Playback Range Specification Area
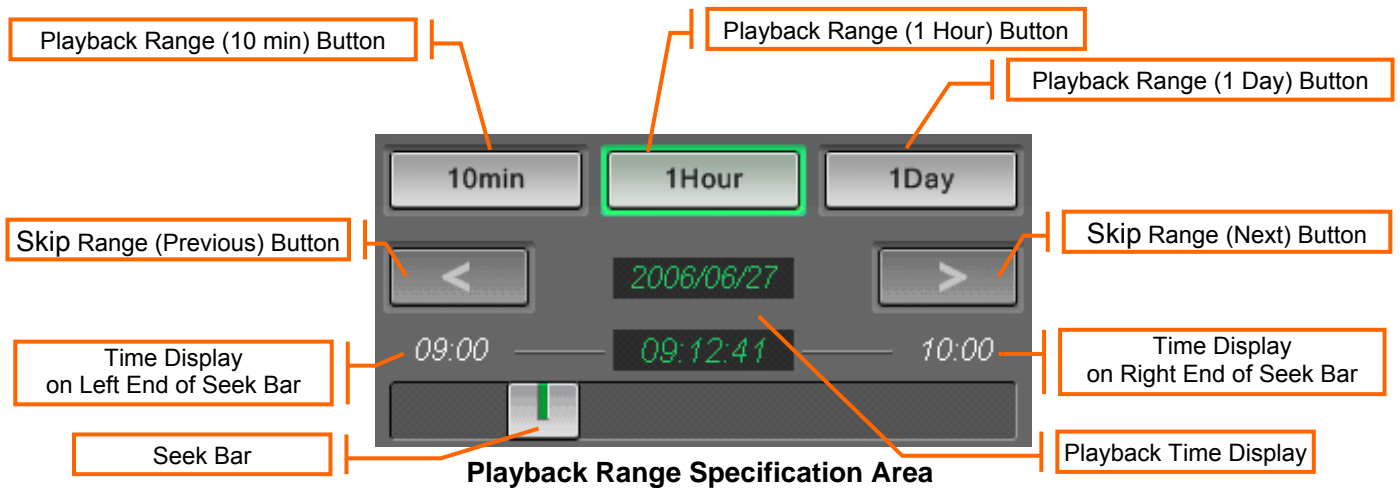
3.4. Playback Operation

This is used to control playback operations.

* The [Playback Speed Slider] is used to specify the speed during "Playback/Reverse Playback".
* Click the [Playback/Reverse Playback] button to start playback.
* Click the [Pause] button to pause the playback.
* Click the [Next/Previous Frame] button to display and pause the next image.

* Note: When there are no recorded images over an interval of a few seconds, a message indicating that there is no image will appear on the screen.

Playback Speed Slider

Reverse Playback Button

Play Button

Previous Frame Button

Playback Control Area

Next Frame Button

Pause Button
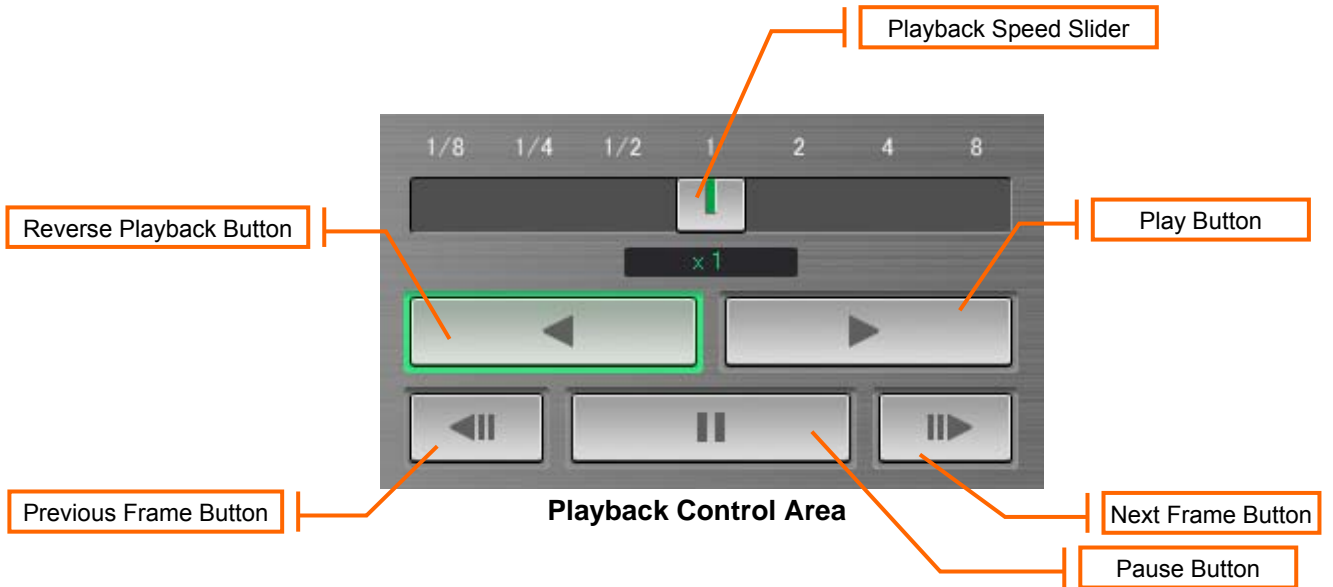
* Note: Refer to "7. Saving Video Images" on procedures to save recorded video images in the AVI format.

3.5. Switching Camera Selection

When the [Camera/Search List] button is displayed as "Search List", the camera list is displayed in the list display area.
Select the camera list and click the [Change Camera] button to switch the selected camera.
Use the [List Operation] buttons to select the camera list.

* Note: To start playback, specify a time, followed by performing the playback operation.
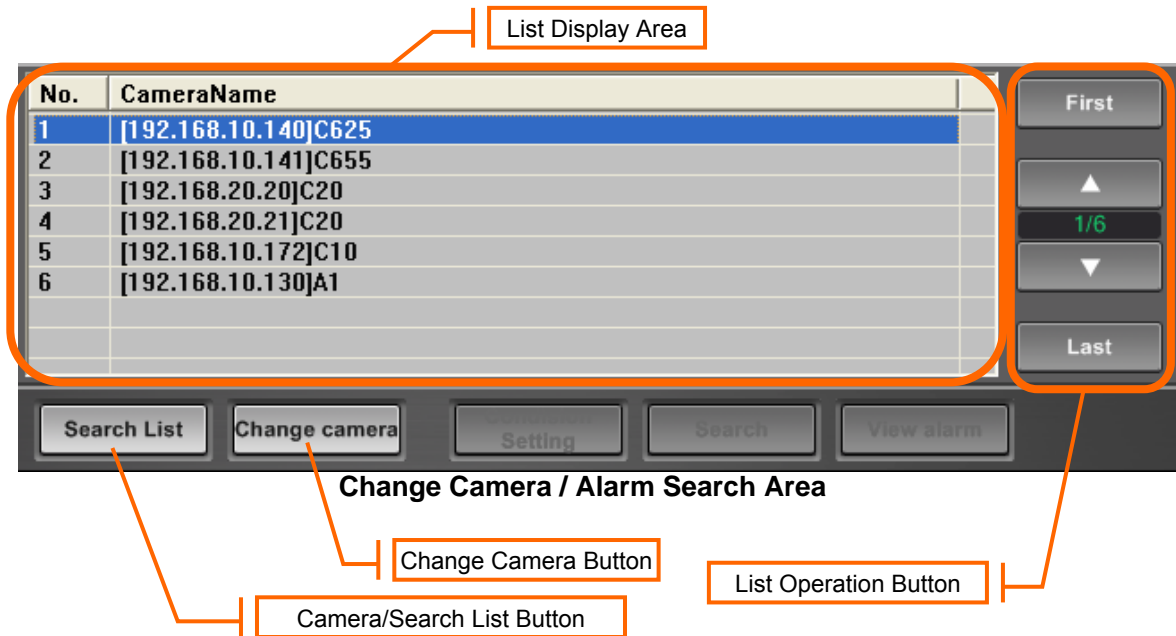
List Display Area

Change Camera / Alarm Search Area

Change Camera Button

Camera/Search List Button

List Operation Button

When the [Camera/Search List] button is displayed as "Camera List", the search list is displayed in the list display area. Refer to "6.3. Alarm Search" on procedures to use the search list.

* Note: Clicking the [Search List] button switches the list display area to the search list.
* Note: Clicking the [Camera List] button restores the list display area to the camera list.

4. Controlling the Camera

4.1. Camera Control
Click the [Camera] button on the top left of the screen to switch to the [Camera Control Mode]. The
[Camera] button can be clicked only when a camera is selected.

* Note: Functions that are controllable vary with the camera type of the selected camera.

Camera Control Mode Screen
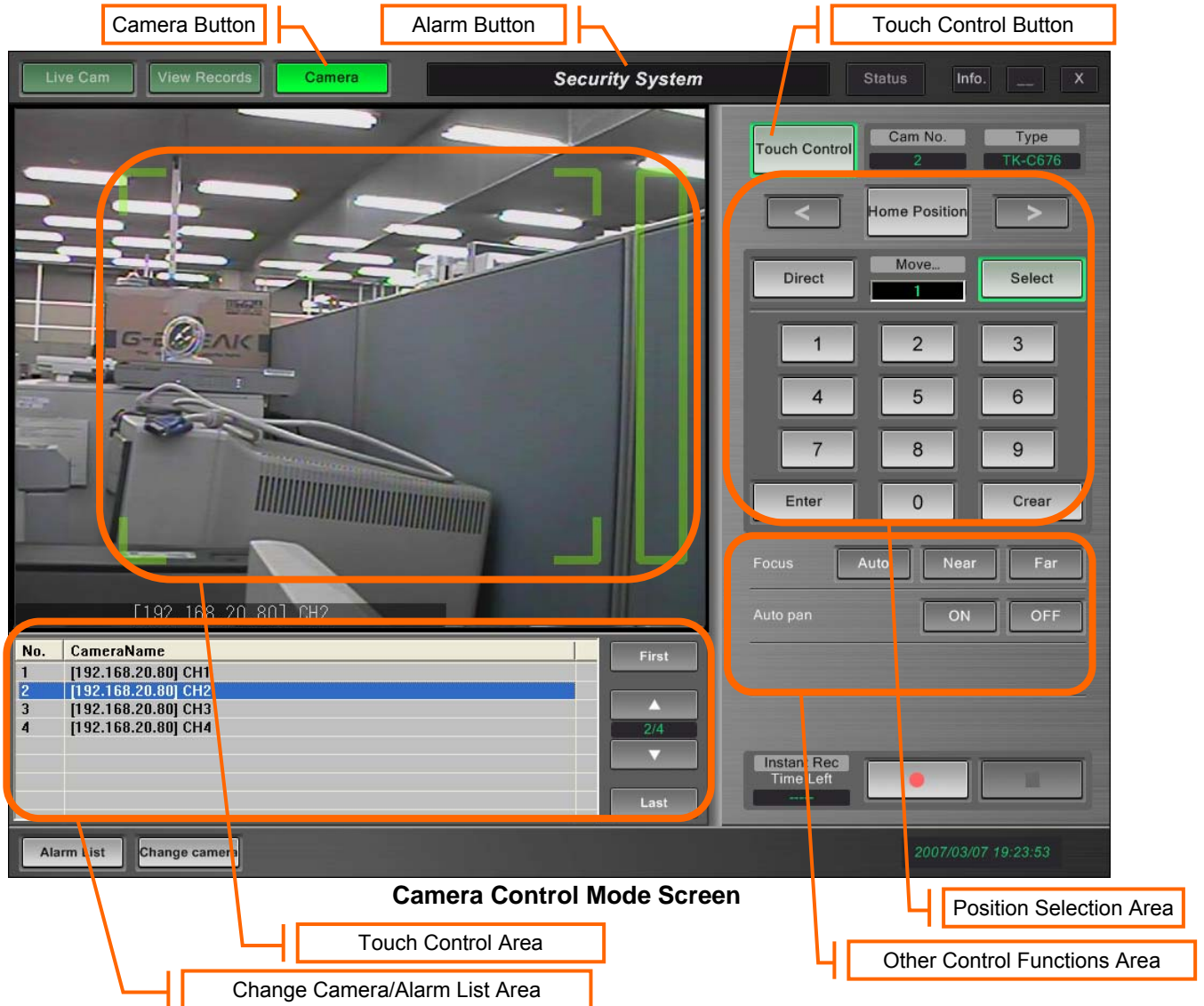
4.2. Touch Control

Upon clicking the [Touch Control] button, the frame indicating the "Direction Control Area", "Tilt Button", "Pan Button", "Zoom Area", "Zoom In Button" and "Zoom Out Button" appears on the image. Using this enables easy control of the camera's orientation and zoom functions.

    *Direction   →

        Drag within the [Direction Control] area and the direction of the camera will make the corresponding adjustments automatically.

        The camera turns horizontally continuously when the "Pan Button" is pushed while it is pushing. (*)

        The camera turns vertically continuously when the "Tilt Button" is pushed while it is pushing. (*)

   *Zoom   →

        Drag within the [Zoom] area, the camera will zoom out when dragging it for above and the camera will zoom in when dragging it for below.

        The camera zooms in continuously when the "Zoom In Button" is pushed while it is pushing. (*)

        The camera zooms out continuously when the "Zoom Out Button" is pushed while it is pushing. (*)

(*)The continuous operation button can adjust the speed by dragging it while pushed from the position in which the button was pushed. The speed quickens when dragging it outside. The speed slows if it drags it internally.


Touch Control Area

15
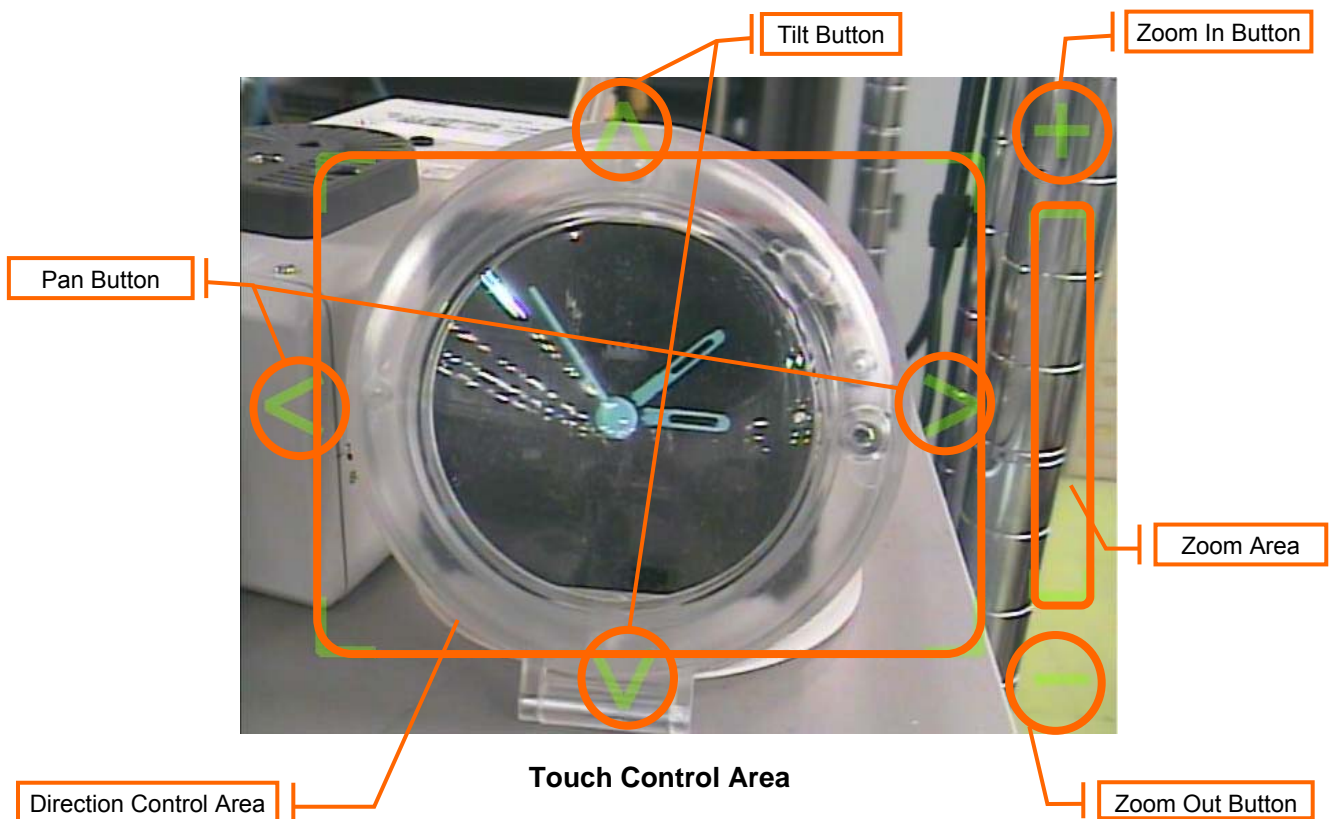
4.3. Position Selection

Position selection is enabled when the VN-C30/C625/C655/E4/A1(With Dome Camera) cameras are selected.

    *[Home] button   → Home position
    *[Skip Position (Previous)] button   → Previous position
    *[Skip Position (Next)] button   → Next position

Direct Specification

Click the [Direct] button to switch to the "Direct Mode". Use the numeric keys to move to the specified position. Use this method for specifying a position between position numbers "1" to "9".
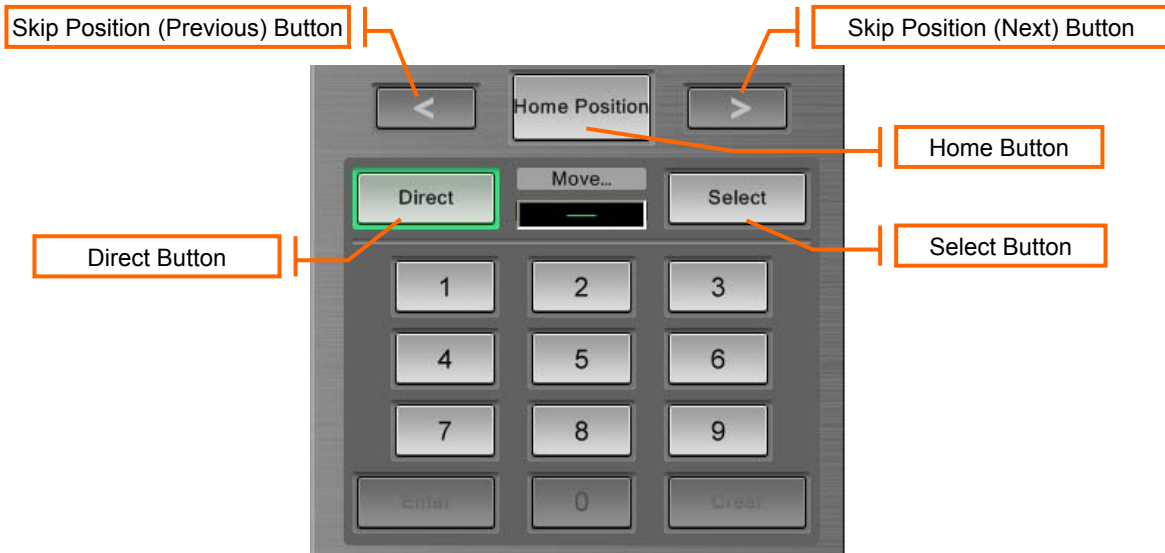
Position Selection Area (Direct Mode)

Selection Specification

Click the [Select] button to switch to the "Select Mode". Use the numeric keys to specify a position number, followed by clicking the [Enter] button to move to the specified position. Use this method for specifying a position number larger than "9".

Use the [Clear] button to clear the specification.

Position Selection Area (Select Mode)

4.4. Other Controls
    *Focus
        [Auto] button   → For adjusting the focus automatically.
        [Near] button   → For adjusting the focus towards the "Near" end. Press to start and release to
                                         stop.
        [Far] button   → For adjusting the focus towards the "Far" end. Press to start and release to
                                         stop.

    *Auto pan
        [ON] button   → For turning on the auto pan mode.
        [OFF] button   → For turning off the auto pan mode.

4.5. Switching Camera Selection
    This allows switching of the selected camera in the same way as the "Play Mode".
    Refer to "3.5.   Switching Camera Selection" for details.

5. Emergency Recording

5.1. Emergency Recording

Click the [Emergency Recording] button to start emergency recording of "all currently displayed live video images" and the "selected camera".

    *Live Mode   → Emergency recording of "all currently displayed live video images"
    *Camera Control Mode   → Emergency recording of the "selected camera"

If a camera is selected during the start of emergency recording, the "remaining time" of emergency recording will be displayed.
Click the [Stop Emergency Recording] button to stop all emergency recording operations.
Pressing the [Start Emergency Recording] button during emergency recording resets the remaining time of all cameras for which emergency recording is in progress.
Example) When the "Emergency Recording Time" is set to "300 seconds"
      Pressing the [Start Emergency Recording] button when the remaining time is 200 seconds resets the remaining time to 300 seconds.

As VN-RS800 regards emergency recording as a type of alarm, information will be displayed on the alarm button.

Start Emergency Recording Button   Stop Emergency Recording Button

Remaining Time Display

Instant Rec
Time Left
04:51

Emergency Recording Control Area
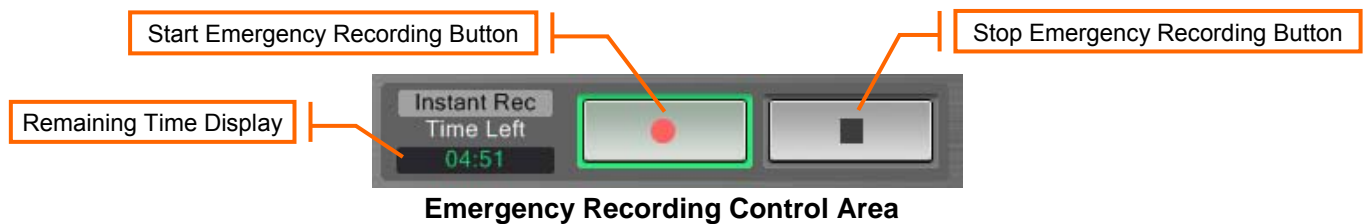
* Note: Emergency recording is terminated upon exiting this application.

6. Receiving Alarms

6.1. Alarm Reception
When an alarm is received, the [Alarm] button on the top of the screen starts blinking and the alarm information is displayed. Blinking will continue for 30 seconds.
When displaying live video images of the "Recording Camera" in the alarm event settings, alarm information is also displayed on the image. This display will remain displayed over the interval specified in the "Alarm Display Time" of the alarm event settings.
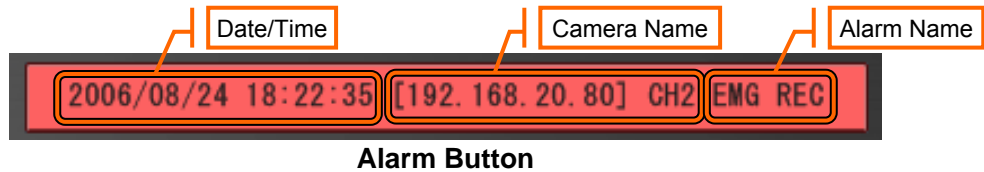
Alarm Button

6.2. Alarm Display
Clicking the [Alarm] button when it is blinking switches to the "Camera Control Mode" with the "Recording Camera" in the alarm event settings selected. In this case, the touch control feature is disabled.
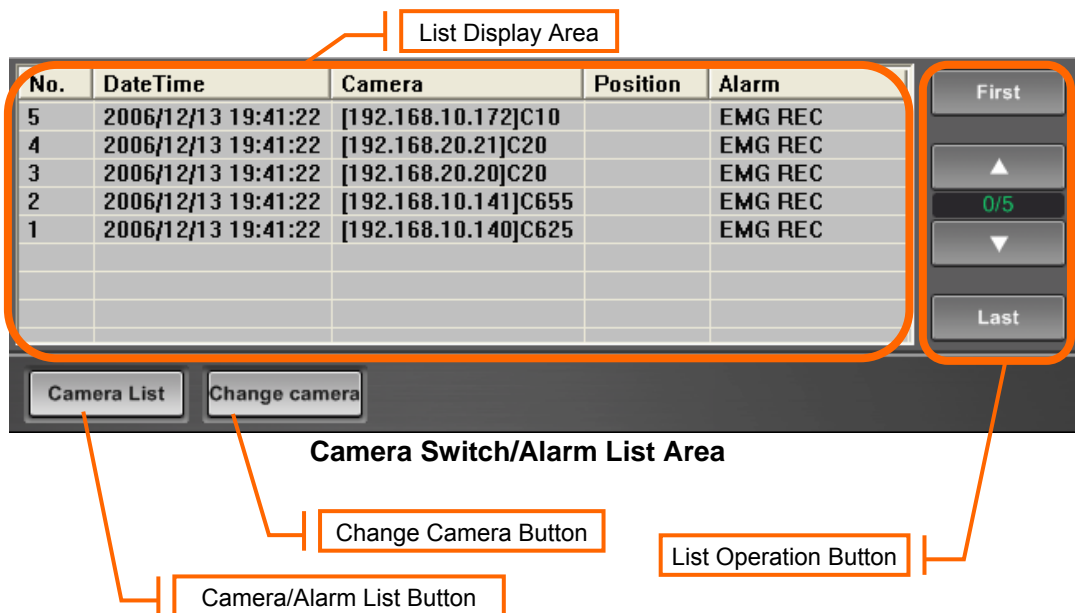
When the [Camera/Alarm List] button is displayed as "Camera List", the alarm list is displayed in the list display area. Alarms received when VN-RS800Viewer is running will be added to the alarm list.
Select the alarm list and click the [Change Camera] button to switch the selected camera to the camera specified in the "Camera Name" field.
Use the [List Operation] buttons to select the alarm list.

* Note: The camera displayed in the "Camera Name" field of the alarm list is the "Recording Camera" in the alarm event settings.
* Notes: Clicking the [Alarm List] button switches the list display area to the alarm list
            Clicking the [Camera List] button restores the list display area to the camera list.

**Camera Switch/Alarm List Area**

6.3. Alarm Search

Set to the "Play Mode" to search previous alarms. When the [Camera/Search List] button is displayed as "Camera List", the search list is displayed in the list display area.

*Note: Clicking the [Camera List] button switches the list display area to the camera list.
   Clicking the [Search List] button restores the list display area to the search list.

Camera Switch / Alarm Search Area
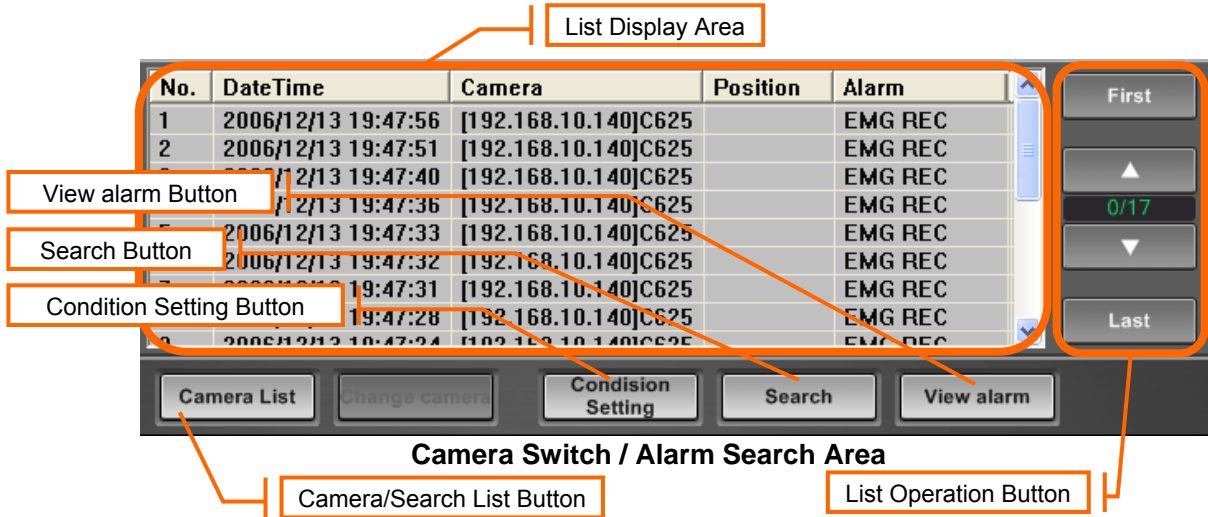
Click the [Condition Setting] button to display the [Condition Setting Screen].

*Camera   → All or selected camera
*Span   → Search within the specified time span. (All or 1 day or 1 hour)
   When "1 Day/1Hour" is selected, search is performed on the interval of 1 day/1 hour prior to the specified "Date/Time".
*Time   → Click the [Specified] button to display the Specify Playback Start Time screen.
   When [Present] is selected, search is performed at the time when the [Search] button is clicked.

Condition Setting Screen
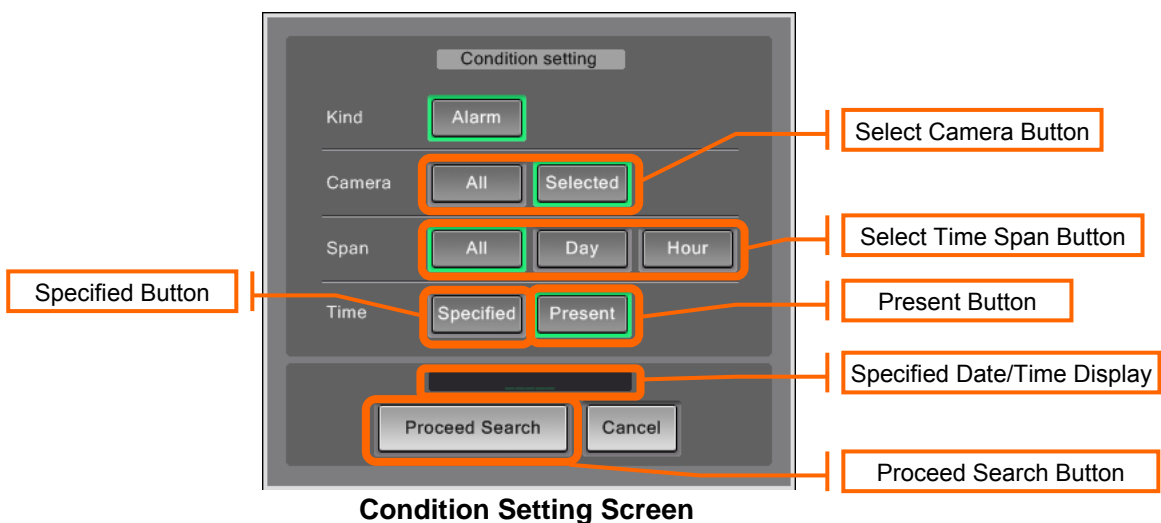
Clicking the [Proceed Search] button starts search using the preset search condition.
The number of search results displayed is based on the "Search Results Count" of the system setting.

6.4. Alarm Playback
Select the alarm search list and click the [Play Alarm] button to start playback from the time when the alarm occurred. Playback is not possible if alarm recording or non-stop recording is not preset.

7. Saving Video Images

7.1. Saving (Export) of AVI
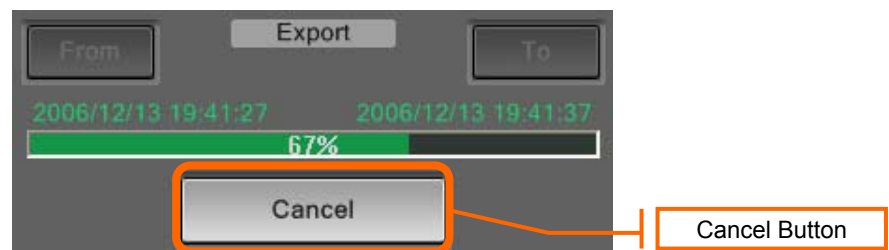Recorded images are saved in the specified folders in the AVI format.
Pausing at the time when export starts after starting playback enables the [From] button. Clicking the [From] button displays the start position and at the same time enables the [To] button. Similarly, pausing at the export end position, followed by clicking the [To] button displays the end position. Click the [as AVI] button to start saving.

* Note: The time interval that can be specified between the start and end positions is between 10 seconds to 10 minutes.

AVI Saving Area (During Setting of Start/End Positions)

Some time is required to save the images, and this is indicated by the progress bar. Click the [Cancel] button to stop saving.

AVI Saving Area (During Saving)

*Note: Saving continues even upon exiting the VN-RS800Viewer.

7.2. Saving of Still Images
Recorded images are saved in the specified folders in the JPEG format.
Pausing at the time when saving the still image after starting playback enables the [as JPEG] button. Click the [as JPEG] button to start saving.

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