



IDIS Solution Suite Compact

Software Manual

Before reading this manual

This Operation Manual provides instructions for using IDIS Solution Suite Compact, a network integration solution enabling remote control of network cameras and video servers.

References to IDIS Solution Suite Compact system throughout this Operation Manual mean the computer system on which the IDIS Solution Suite Compact program is running. References to device mean a network camera or a network video server.

Following program is provided in addition to IDIS Solution Suite Compact:

Start > IDIS Solution Suite Compact > Utility > ProblemReporter (contact your IDIS Solution Suite Compact distributor for the **SecretKey**.)

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In-Text

Symbol	Type	Description
	Caution	Important information concerning a specific function.
	Note	Useful information concerning a specific function.

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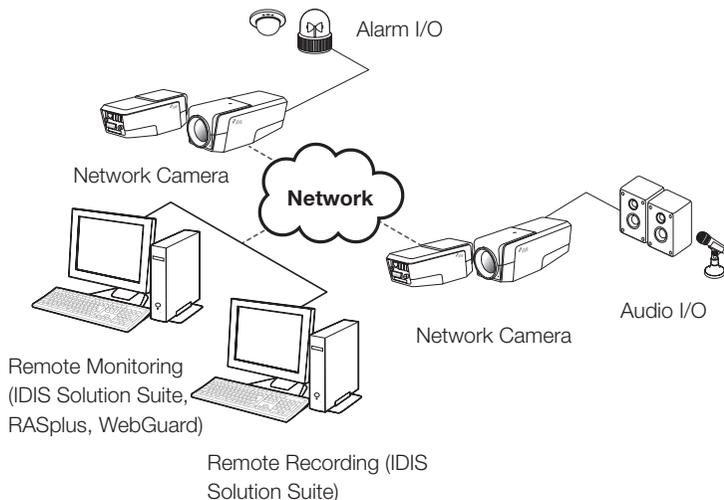
Part 1 – Introduction

Product Features

IDIS Solution Suite Compact has been developed for recording, searching, and monitoring images from network video devices and offers the following features:

- Record video from up to 32 cameras
- Instant video recording
- Real-time video monitoring (remote)
- Playback of video recording stored on IDIS Solution Suite Compact system or SD (SDHC) memory card inserted into a network camera
- Remote software upgrade and remote system configuration
- Displays device's system logs
- Simplified system operation, management, and event processing from the control center
- H.264, MPEG-4, M-JPEG restoration algorithm support
- Stable recording via the use of a proprietary video database file system
- SSL support for security
- Two way audio communication support for remote audio dialog
- Audio recording
- Authority settings by user groups for security
- Intuitive and user-oriented GUI

- If using a 4-channel network video server, all four cameras will be included in the number of recordable channels, regardless whether they are actually being used or not. Accordingly, registering a single 4-channel network video server reduces the number of recordable channels remaining by 4.
- This product contains software developed by OpenSSL Project for use in Open SSL Toolkit (<http://www.openssl.org/>).
- This product contains software that partially uses open-source content. Codes for the corresponding open-source content are available for download. For more information, refer to the software CD (OpenSourceGuide\OpenSourceGuide.pdf) or the open source guide accompanying this operation manual.



Part 2 - Installation

System Requirements

	Recommended	Minimum
OS	Microsoft® Windows® 7 64-bit (Home Premium, Professional, Ultimate), Microsoft® Windows® 8 (Pro, Enterprise) Compatibility mode	Microsoft® Windows® XP Home SP3
CPU	Intel Core II Quad 8200 2.33GHz or above	Intel Pentium IV 3.0GHz or above
RAM	2GB or more	1.5GB or more
VGA	ATI Radeon™ HD 3650 or NVIDIA GeForce 8400GS (ATI recommended) (1024x768, 24bpp or above)	ATI Radeon™ HD 2400 or NVIDIA GeForce FX5500 (ATI recommended) (1024x768, 24bpp or above)
HDD	5GB or more of available space	5GB or more of available space
LAN	Gigabit Ethernet or better	10/100 Mbps Ethernet or better



IDIS Solution Suite Compact program runs on 32-bit operating system environments and can be installed and run on 64-bit versions of Microsoft® Windows® Vista or above in 32-bit compatibility mode.

Installation

In an older version of IDIS Solution Suite Compact exists on the system, uninstall it first.

Open Windows **Control Panel**, click **Power Management**, and set **Turn off monitor** and **Turn off hard disks** as **Never**.

1 Download the IDIS Solution Suite Compact program from our website: www.idisglobal.com.

2 Run the **setup.exe** file.

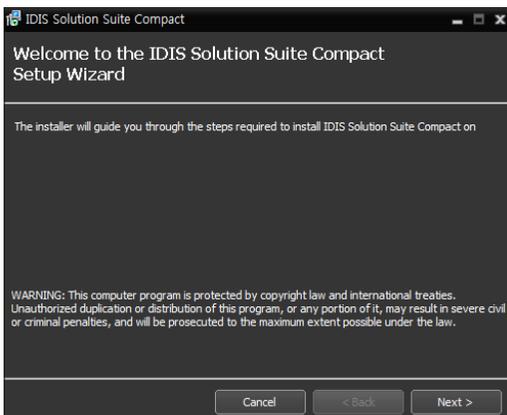
- If using Microsoft® Windows® Vista or above, you may be prompted with the **User Account Control** window. Click **Allow** and follow the instructions in the installation window to proceed.

3 Select a language and then click **OK**.

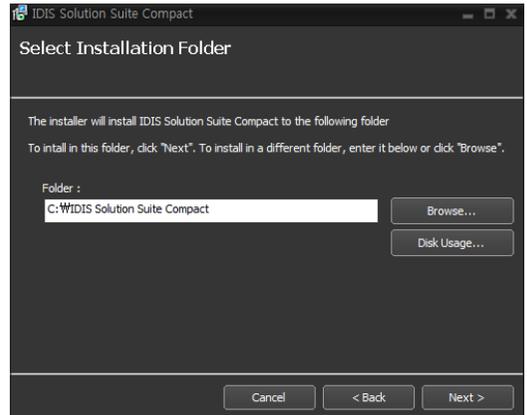


- In order to display the selected language correctly, the computer's operating system must support that language.
- To change the language after installing the program, go to **Start > IDIS Solution Suite Compact > Utility** and launch **Language Selector** before launching IDIS Solution Suite Compact.

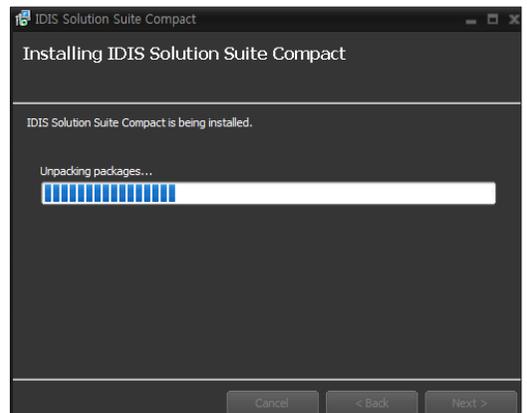
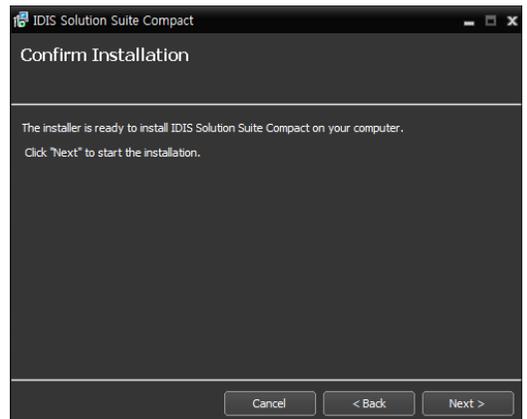
4 When the installation window appears, click **Next**.



5 Select an installation path for the software and a user and then click **Next**.

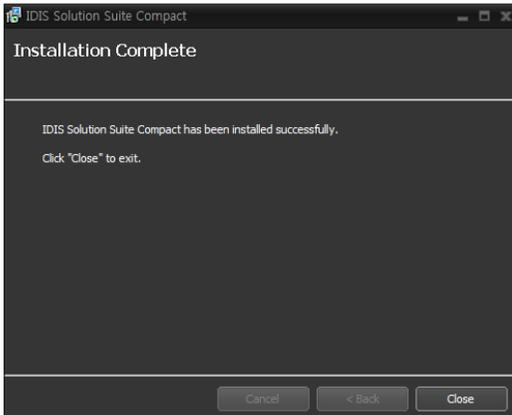


6 When prompted to confirm installation, click **Next** to proceed.



- ✓ **.NET Framework** and **Visual C++ Runtime Libraries** will be installed automatically. This process may take a few minutes to complete. If **.NET Framework** and **Visual C++ Runtime Libraries** are already installed on the system, this step will be skipped automatically.

7 When the  icon appears on the installation window, click **Close** to finish the installation process.



- ✓ Once the software has been installed, IDIS Solution Suite Compact Service, Service Manager, and Setup programs will launch automatically. In addition, the  icon will appear on the Taskbar's Notification area.

Uninstallation

1 Exit from IDIS Solution Suite Compact Service, Setup, and Client programs.

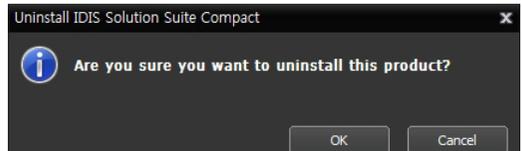
- ✓
 - The program may not be uninstalled correctly if you attempt to uninstall it while the service and client programs are running.
 - If the installation folder is deleted by the user without using the Uninstallation Wizard, you will not be able to properly uninstall or reinstall the software. Please be sure to follow the uninstallation steps in this manual.

2 Go to Start > **IDIS Solution Suite Compact** > **Uninstall IDIS Solution Suite Compact**.

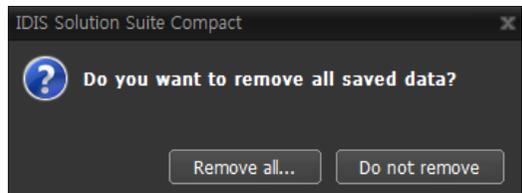
- ✓ You can also uninstall the software using the installation file. Run **setup.exe**. Select **Uninstall** and then click **Next**.



3 When the uninstall confirmation window appears, click **OK**.



4 A data delete confirmation window will appear. To delete all the data stored on the system, including recordings and existing settings, click **Remove all**. If you do not wish to delete the data, click **Do not remove**.



- ⚠ Deleted data cannot be recovered.

5 Click **OK** to finish the uninstallation.

Part 3 - Getting Started

Service Launch

IDIS Solution Suite Compact consists of **Service Manager**, **Setup**, and **Client** programs. In order to use the IDIS Solution Suite Compact program, its service must be running on the IDIS Solution Suite Compact. IDIS Solution Suite Compact program **service** refers to a server process that runs in the background while the system is running. For more details, refer to [Configuration on page 17](#)

- 1 Select **Start > IDIS Solution Suite Compact > Service Manager**.



- 2 Check the service status. If the service is not running, activate it manually. For more details, refer to [Service Manager on page 17](#).

Login

You must first log in in order to use the program.

- 1 Select **Start > IDIS Solution Suite Compact**.
- 2 Select **IDIS Solution Suite Compact Setup** or **IDIS Solution Suite Compact Client** and then enter the login information.



- **User ID/Password:** Enter a User ID and Password. Default User ID is **admin** and default Password is **12345678**. You can change User ID and Password in the User menu. For more details, refer to [User Management on page 77](#).
- **Remember my ID on this computer:** Select to have the system remember the ID.
- **Restore last Live sessions:** Restores the client's previous Live session on the current Live panel.

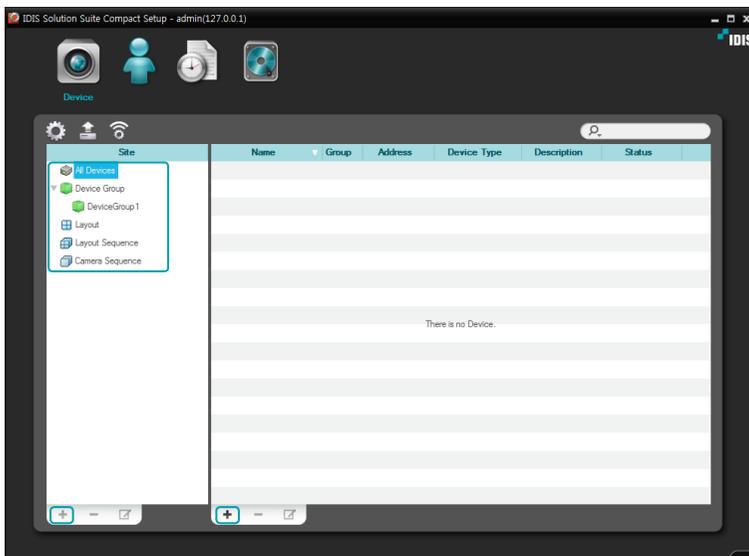
Supports the **Client** program only.

Device Registration

To use the functions provided by IDIS Solution Suite Compact, you must first register a device and add the device to a device group.

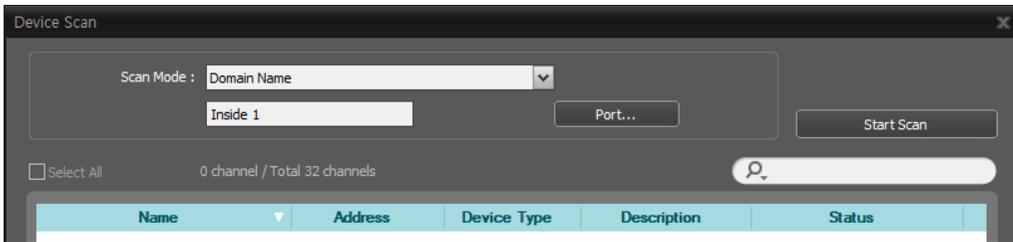
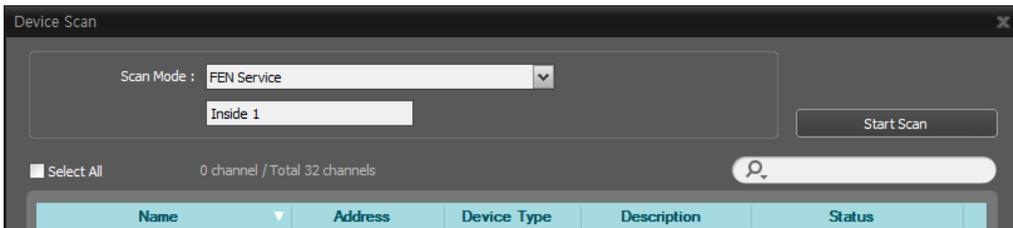
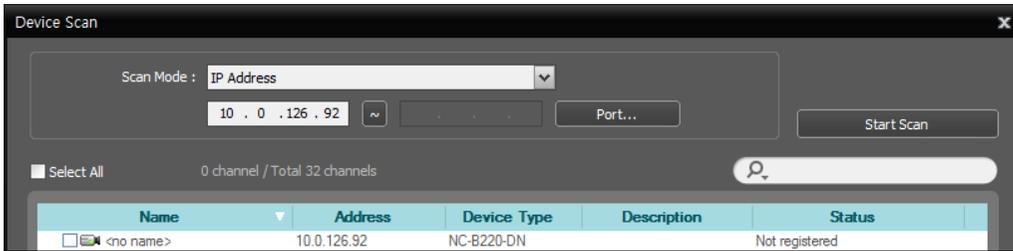
Registering a Device

- 1 Select **Start > IDIS Solution Suite Compact**.
- 2 Launch **IDIS Solution Suite Compact Setup** and log in.
- 3 Select the **Device** option.



- 4 On the **Site** panel, click on **All Devices**, then click on the **+** button at the bottom of the Site List panel on the right. A **Device Scan** window will appear on the screen.





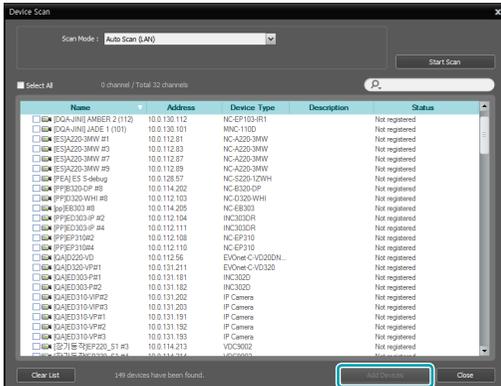
5 After selecting a scan mode, click on **Start Scan** button and the scan results will be displayed on the list.

- If the IP address range of the device is different from the IP address range of IDIS Solution Suite Compact System, the IP address of the subject device will be considered invalid by IDIS Solution Suite Compact. In this case, the device's IP address must be changed before registering it to the system.

Search Mode List

- **Auto Scan (LAN):** Shows the list of devices within the LAN.
- **IP Address:** Enter the device's IP address. When registering multiple devices, you can enter a range of IP addresses to scan for multiple devices at once. When setting up network connections on the device, it is recommended that you disable DHCP. If DHCP is enabled, changes in the WAN connection may cause the connection to the device to fail.
- **FEN:** If the device uses FEN, enter the device name that is registered on the FEN server. Navigate to **Device > ⚙ System Setup** and check the device's FEN server information. The device may not be recognized during scanning if incorrect FEN server information is used.
- **Domain Name:** If the device uses Domain Name Service (DNS), enter the device's domain name registered on the DNS server.
- **Device Information File:** Loads an .xml file containing device connection information and displays the corresponding devices on the list. For more information about .xml files, contact your IDIS Solution Suite Compact retailer.

- Check off the devices you wish to register. Click **Select All** to select all the devices on the list at once.
- Click **Add Device** at the bottom of the Device Scan window.

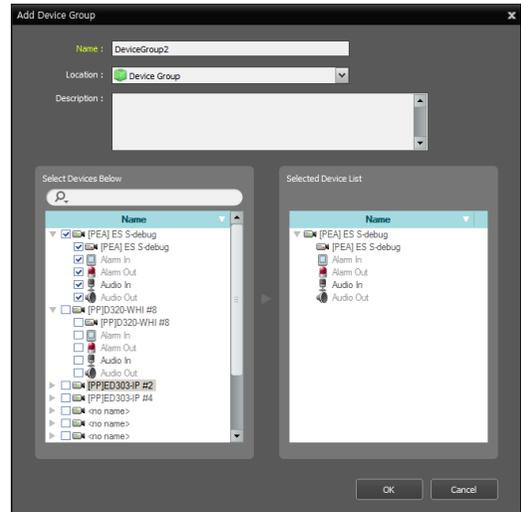


Device Scan List

- Name/Address/Device Type:** Shows the name, IP address and type of the selected device. Device name is updated automatically depending on the device's settings.
 - ID/Password:** Enter the User ID and Password set up on each device for remote access. Connection is permitted only to users who belong to the device's **Administrator** group. Recording is permitted only **admins** within the device's **Administrator** group.
 - Apply to All Devices:** If multiple devices sharing the same User ID and password are selected, you can check this option to apply the same User ID and password to all selected devices.
- If the device is a 4-channel network video server, all 4 cameras will be registered automatically regardless of whether the camera is enabled on the network video server.
- If the device uses DirectIP™ protocol, it cannot be registered on the iNEX system and a window appears asking you to allow changing the protocol. Clicking the **OK** button registers the device after changing the protocol. The device reboots when the protocol changes.

Registering a Device Group

- Click **Device Group** on the **Site** panel and then **+** at the bottom of the panel. **Add Device Group** window will appear.



Add Device Group List

- Name:** Enter a name for the device group.
 - Location:** Select an upper device group for the subject device group.
 - Select Devices Below/Selected Device List:** Select check boxes of cameras on the left to add them to the right.
- Click **OK** to register the selected device group.
 - Make sure that the device has been added to the device group correctly.
 - Click **Device Groups** on the **Site** panel and click **+** next to **Device Groups**.

- 5 When you click on a registered device group, a list of devices added the selected device group will be displayed on the right along with their connection statuses.

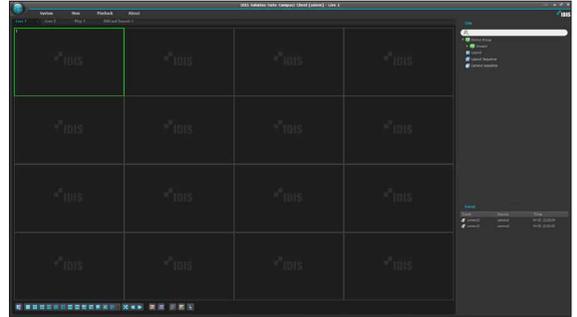


- ✓ Network disconnect log is shown if the device is not connected properly. For more details, refer to **Network Disconnect Log on page 82**.
- To modify a device group that has been registered, select a device group and click  on the bottom of the **Site** panel. **Modify Device Group** window will appear. You can modify the selected device group from this window. For more details, refer to **Devices Management on page 70**.

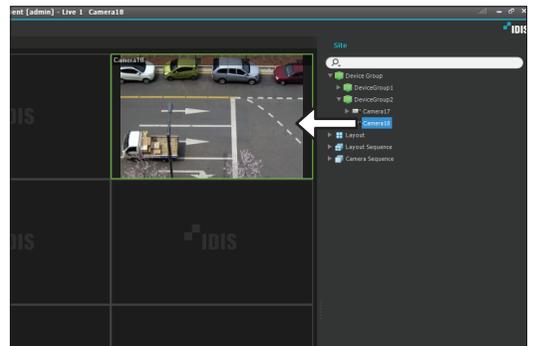
Live Video Mode

Go to **Start > IDIS Solution Suite Compact > IDIS Solution Suite Compact Client** and log in.

In the **Site** List, make sure that the device has been added to the device group.



- 1 In the panel tabs, click the Live tab.
- 2 From the **Site** list, select a site you wish to connect to. Then, drag & drop the selected site on the live screen using your mouse.



- 3 The live video of the selected site will be displayed on the screen. For more information, refer to the **Live Video Mode on page 14**.

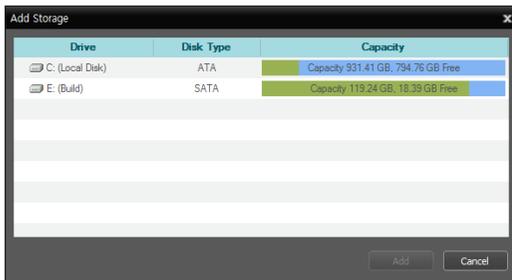
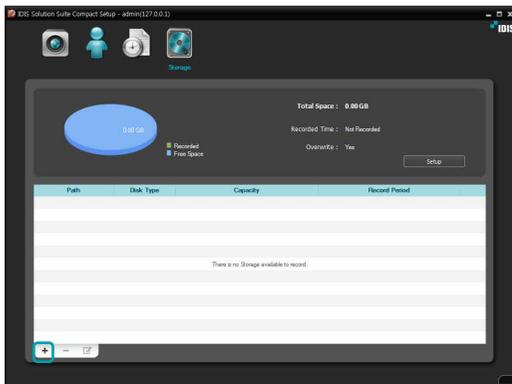
Record

Go to **Start > IDIS Solution Suite Compact > IDIS Solution Suite Compact Setup** and log in. Allocate storage space and then configure the recording schedule.

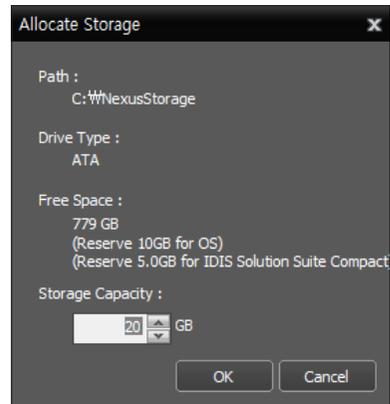
Storage Space Allocation

Specify how much hard disk space to allocate for video recording. For more information, refer to the [Storage Setup on page 45](#).

- 1 Select the **Storage** option.
- 2 Click **+** at the bottom to load the **Add Storage** window. A list of available hard disks drives along with relevant information is shown.



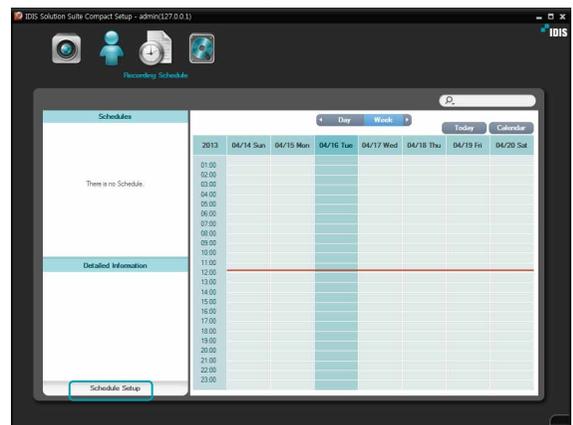
- 3 Select a hard disk drive you wish to use and then click **Add** at the bottom. Allocate storage space once the **Allocate Storage** window appears.



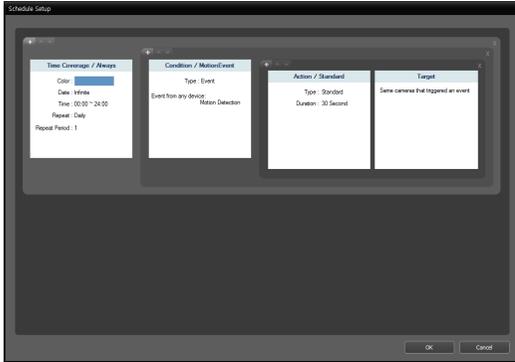
- 4 Click **OK** to apply the change.

Recording Schedule Setup

Select the **Schedule** option and configure the recording schedule (refer to the descriptions below). For more information, refer to the [Recording Schedule Setup on page 47](#)



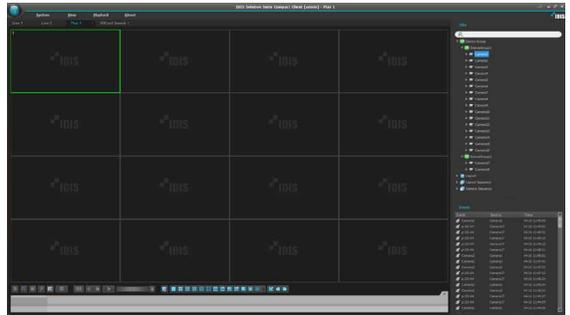
- 1 Click **Schedule Setup** at the bottom to load the **Schedule Setup** window and the **Schedule** window (shows current settings).



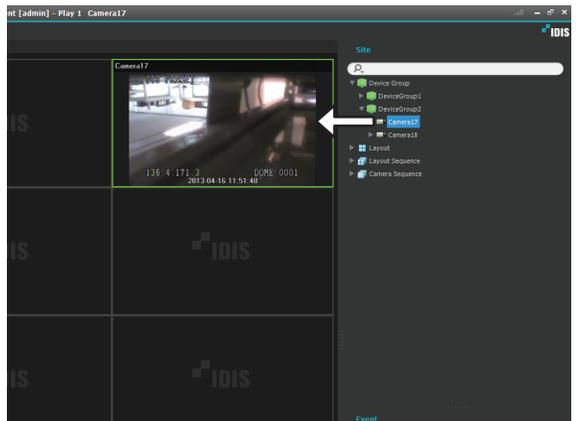
- 2 Click on a schedule window to load the preset window.
- 3 From the preset list, select a desired preset and then click **+** to register a new preset. Alternatively, select a preset from the list and then click **-** or **✎** to delete or edit the preset.
- 4 Click **OK** to apply the change.

Recorded Video Playback

Go to **Start > IDIS Solution Suite Compact > IDIS Solution Suite Compact Client** and log in. In the **Site** list, make sure that the device has been added to the **Device Group**.



- 1 Select the **Play** or **SDCard Search** tab.
- 2 Select a site from the **Site** list and then drag & drop on top of **Play** or **SDCard Search Screen** to view the video recording from the selected site. For more information, refer to the [Recorded Video Playback on page 55](#).

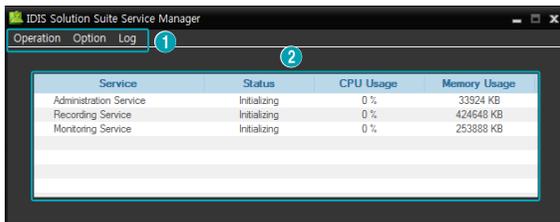


Part 4 - Configuration

Service Manager

Activate/deactivate services (management and recording) or view the system log.

IDIS Solution Suite Compact services must be running on the system in order to use the IDIS Solution Suite Compact program. Go to **Start > IDIS Solution Suite Compact > Service Manager**.



1 Menu	Allows you to activate/deactivate services or view the system log.
2 Status Info	Displays service statuses.

Menu

Operation

Activate/deactivate all services. If the services are deactivated, it will not be possible to run Setup and Client programs or record video. Restart the services to apply the changes to Service Manager settings.

Setup

- **Server Option:** Used to change **Watchdog** settings.

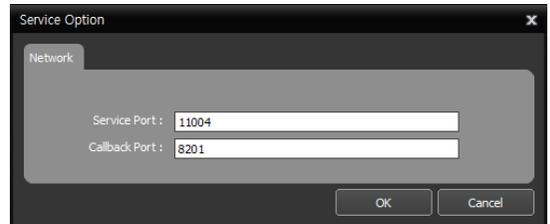
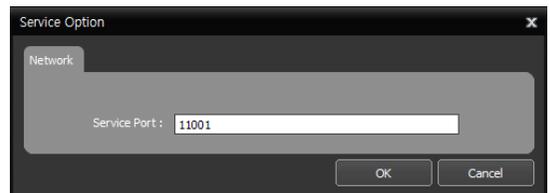


- **Timeout (Min):** Specify how long to standby before restarting the services after they become unresponsive. This option monitors system status on a regular basis and automatically restarts the services as per the Reboot Condition if the services become unresponsive for the specified duration of time.

- **Reboot Condition:** Specify the condition for system reboot following a Watchdog timeout. Select **Do not reboot server** if you want to have the services restarted without rebooting the system.

- IDIS Solution Suite Compact program's **Watchdog** is a feature that regularly monitors the operating status of IDIS Solution Suite Compact services and automatically restarts them if they become unresponsive for a specified duration of time.

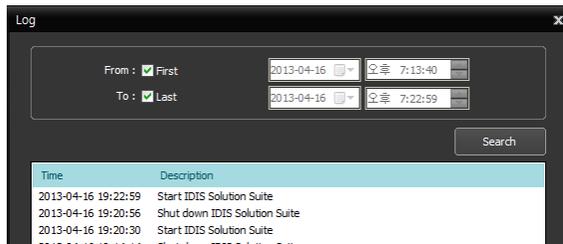
- **Service Option:** Select a service from the list and then select **Service Option** to change connection settings of the selected service. Connection settings may vary depending on the type of service.



- **Service Port:** Specify the number of the service connection port.
- **Callback Port:** Set the port number for receiving callback messages from the device. Port number must be identical to the port number set on the subject device for remote callbacks.

Log

Select **Show Log** to view and search through the system log.



Specify the time range of the log entries you wish to see and then click **Search** to see the entries. Select **First** to display entries starting from the oldest and/or **Last** to display entries up to the newest.

- **CPU Usage:** Displays each service's CPU usage.
- **Memory Usage:** Displays each service's memory usage.

Status Info

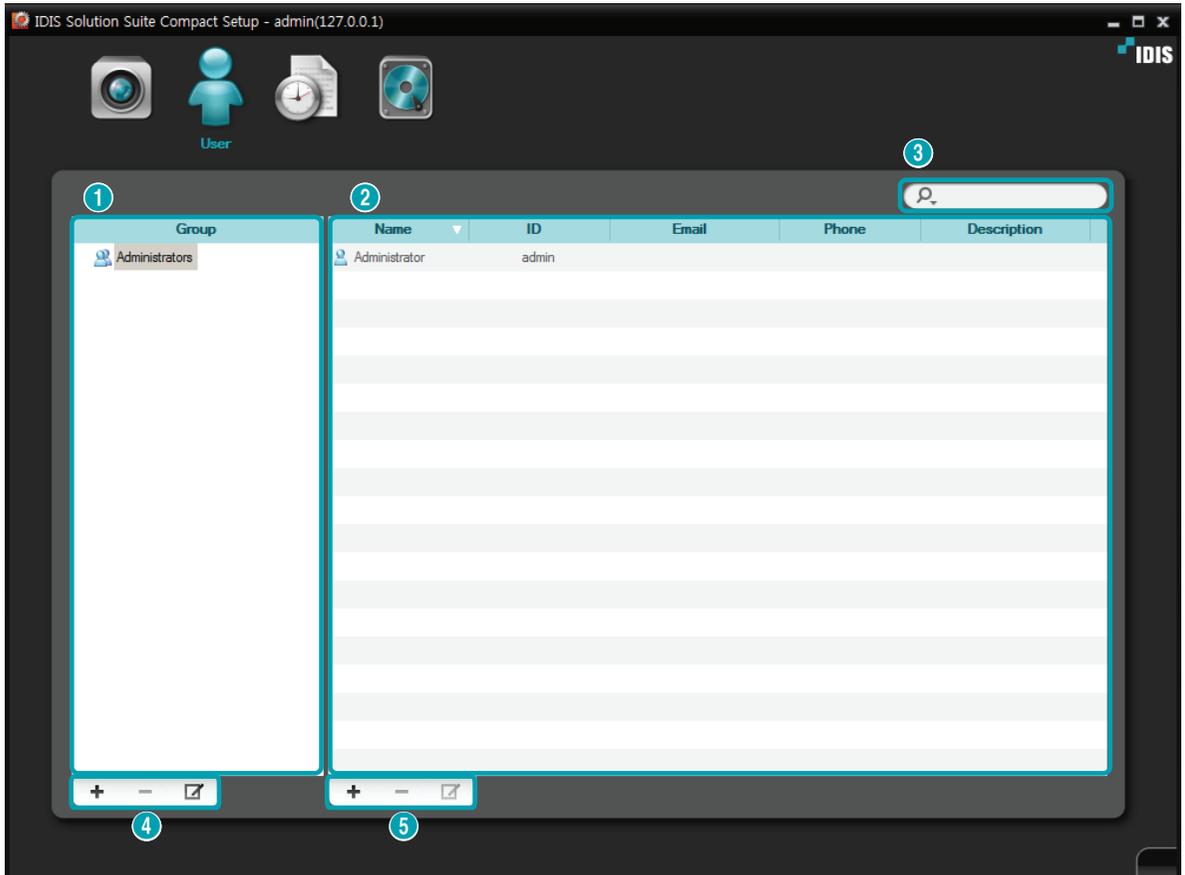
- **Service:** Displays a list of services supported by the IDIS Solution Suite Compact system.
 - **Administration Service:** Manage **Device**, **User**, and **Scheduled Information**, which are needed to run the IDIS Solution Suite Compact program. IDIS Solution Suite Compact program cannot run if Administration Service is not running.
 - **Recording Service:** Records images transmitted from the device. If the recording service is not running, you will not be able to record new video or play back existing video.
 - **Monitoring Service:** Notifies the client system of instant and callback events detected on the device registered to Administration Service.
- **Status:** Displays the operating status of each service.
 - **Working:** Indicates that the program is running normally. You can launch Setup and Client programs and record video as per the recording schedule.
 - **Stopped:** Indicates that the program has been stopped by the user. You cannot launch Setup and Client programs or record video.
 - **Fail:** Program has been stopped due to an unknown error. Services are restarted and/or the system is rebooted depending on the **Watchdog** setting.

1	 (System Setup)	If there is a device that uses FEN, enter the device name that is registered on the FEN server. If the device name entered is incorrect, system will not be able to register and connect to a device that uses FEN.						
2	 (Multiple Firmware Upgrade)	Upgrades the software of multiple devices at once. For more information, refer to the Upgrading Firmware on page 76 .						
3	 (Multiple Remote Setup)	Changes settings of multiple devices using a settings file. For more information, refer to the Remote Device Settings on page 75 .						
4	Site Panel	Displays a list of site groups supported by the IDIS Solution Suite Compact system.						
5	Site List Panel	Shows the list of sites registered in each site group and related information. Network disconnect log is shown if the device is not connected properly. For more details, refer to Network Disconnect Log on page 82 . <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <input checked="" type="checkbox"/> Click on the   button next to the name of each device to view video inputs supported by the device, alarm input/output and audio input/output details. </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="padding: 2px;">Record</td> <td style="padding: 2px;">When Time Lapse or Event recording is in progress.</td> </tr> <tr> <td style="padding: 2px;">Instant Recording</td> <td style="padding: 2px;">When Instant Recording is in progress.</td> </tr> <tr> <td style="padding: 2px;">Idle</td> <td style="padding: 2px;">Standing by to record.</td> </tr> </table>	Record	When Time Lapse or Event recording is in progress.	Instant Recording	When Instant Recording is in progress.	Idle	Standing by to record.
Record	When Time Lapse or Event recording is in progress.							
Instant Recording	When Instant Recording is in progress.							
Idle	Standing by to record.							
6	 (Search)	Searches sites registered in each group. Select a site Group from the Site panel and then enter a search query. When there is a match to the search query within the selected group, matching results are shown as the query is typed.						
7	Site Panel's + (Add), - (Remove), <input checked="" type="checkbox"/> (Edit)	Adds, deletes, or modifies a site. Right click on Site and use the menu that appears to delete the site from the selected group or modify properties.						
8	List Panel's + (Add), - (Remove), <input checked="" type="checkbox"/> (Edit)	Add, delete, or edit devices. You can connect to devices and change their settings or upgrade their software. <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <input checked="" type="checkbox"/> Once a device has been removed from the system, that same device will be recognized as a new device by the IDIS Solution Suite Compact system if registered again. </div>						

If video from a registered device is recorded and then the device is removed from the system, the same device will be recognized as a new device by the IDIS Solution Suite Compact system if registered again. In this case, video recorded prior to the device's removal from the system can be searched for and played back as follows: **Play Panel** >  (Additional Menu) on the Toolbar > **Removed Recording Devices**

User

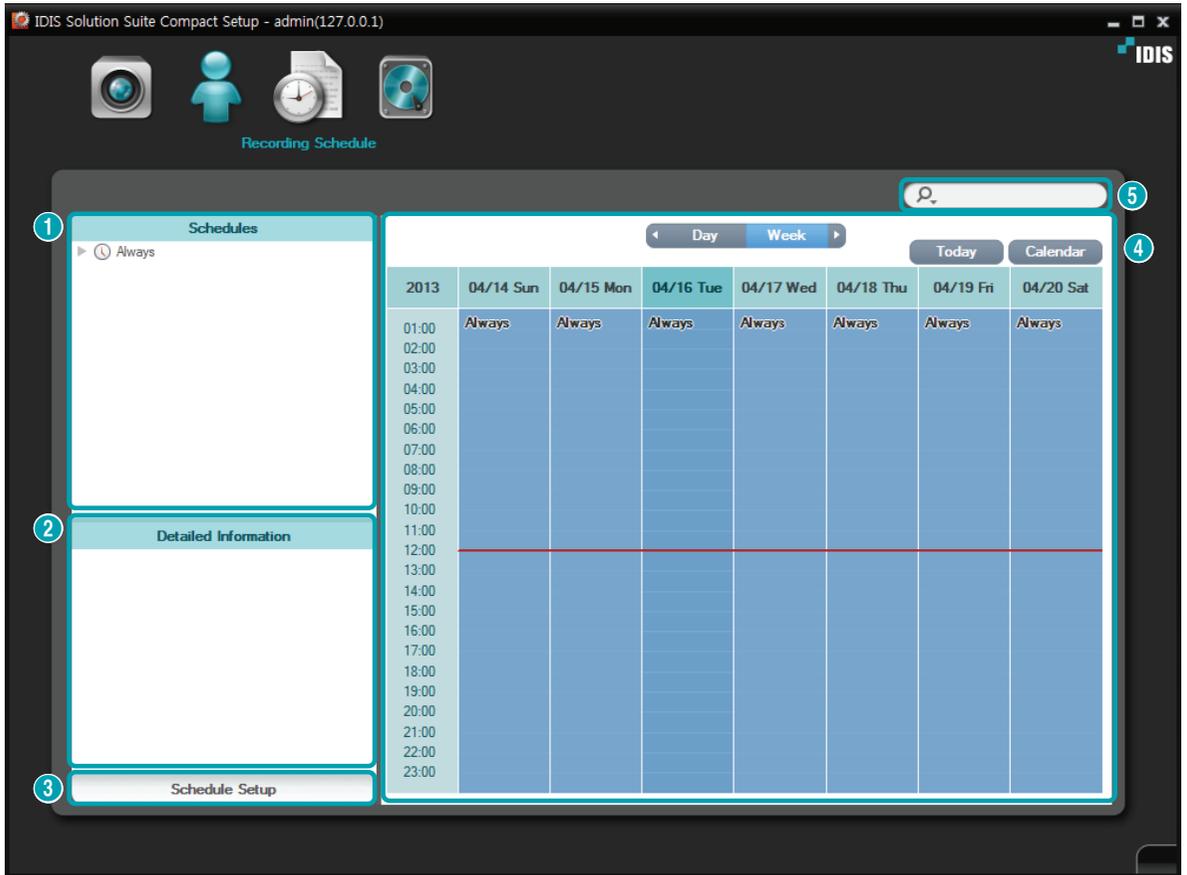
Registers and manages users or user groups.



①	Group Panel	Shows a list of registered user groups. Administrators group is authorized to use all functions, and cannot be modified.
②	User List Panel	Shows the list of users registered in each user group and related information.
③	<input type="text"/> (Search)	Searches users registered in each group. Select a user group from the Group panel and then enter a search query. When there is a match to the search query within the selected group, matching results are shown as the query is typed.
④	User Group + (Add), - (Remove), <input type="checkbox"/> (Edit)	Add, remove, and edit users and user groups.
⑤	User + (Add), - (Remove), <input type="checkbox"/> (Edit)	

Schedule

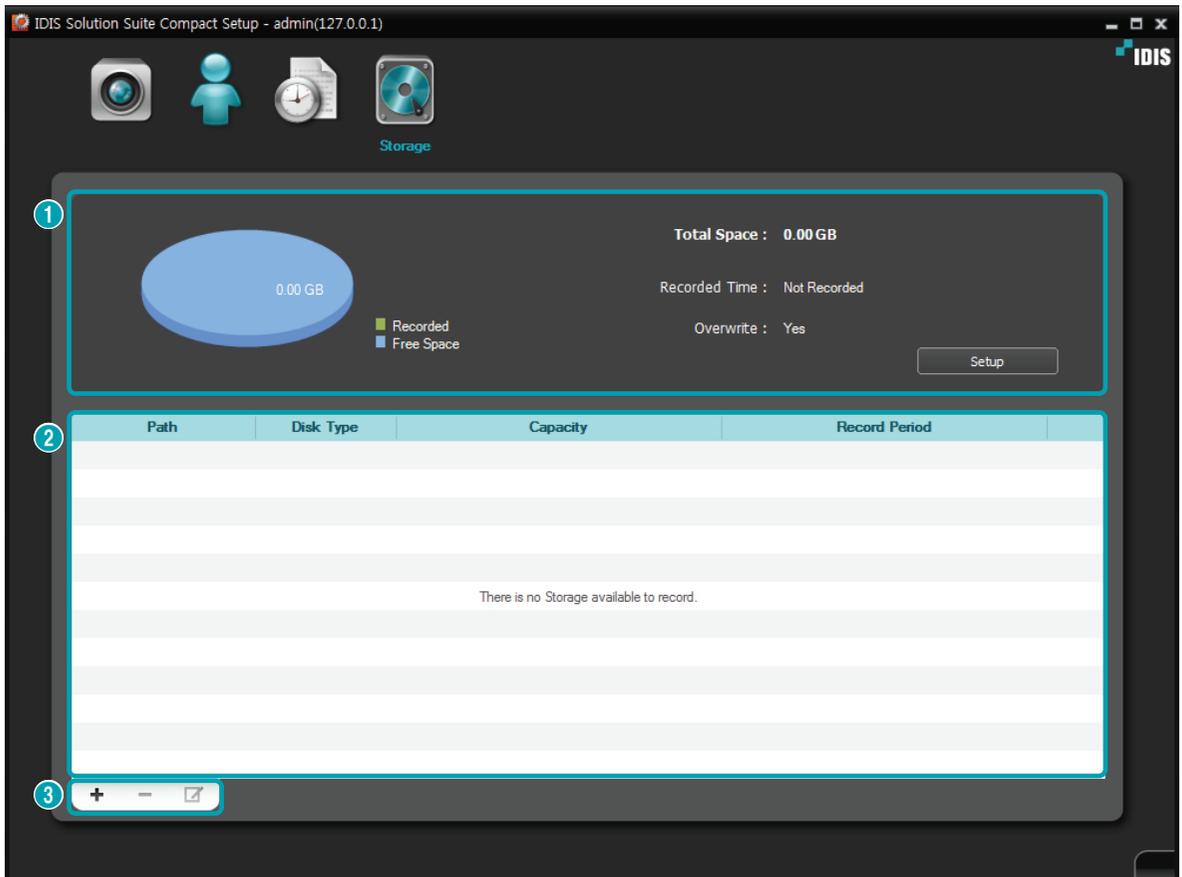
View schedule settings and search the schedules.



1	Schedule Panel	Shows a list of registered schedules. IDIS Solution Suite Compact programs records video based on recording schedules.
2	Detailed Information Panel	Displays the selected recording schedule's settings.
3	Schedule Setup	Register Time Lapse/Event recording schedules or configure Instant Recording settings. For more information, refer to the Recording Schedule Setup on page 47 .
4	Schedule Table	Displays currently registered daily or weekly recording schedules. Click Today to see today's recording schedules or Calendar to see the calendar.
5	<input type="text"/> (Search)	Search the registered schedules.

Storage

Allocate and manage storage spaces for recording.



1	Storage Use	<p>Displays storage use information.</p> <ul style="list-style-type: none"> • Total Space: Indicates the total amount of storage space allocated to the IDIS Solution Suite Compact system. • Recorded Time: Displays the times of the first video recording and the last recording. • Setup: Click to load the Storage Setup window. For more information, refer to the Storage Setup on page 45.
2	Storage Space List	<p>Displays a list of storage spaces and information about them.</p>
3	<p>+ (Add), - (Remove), ✎ (Edit)</p>	<p>Add, remove, or edit a storage space. For more information, refer to the Storage Setup on page 45.</p>



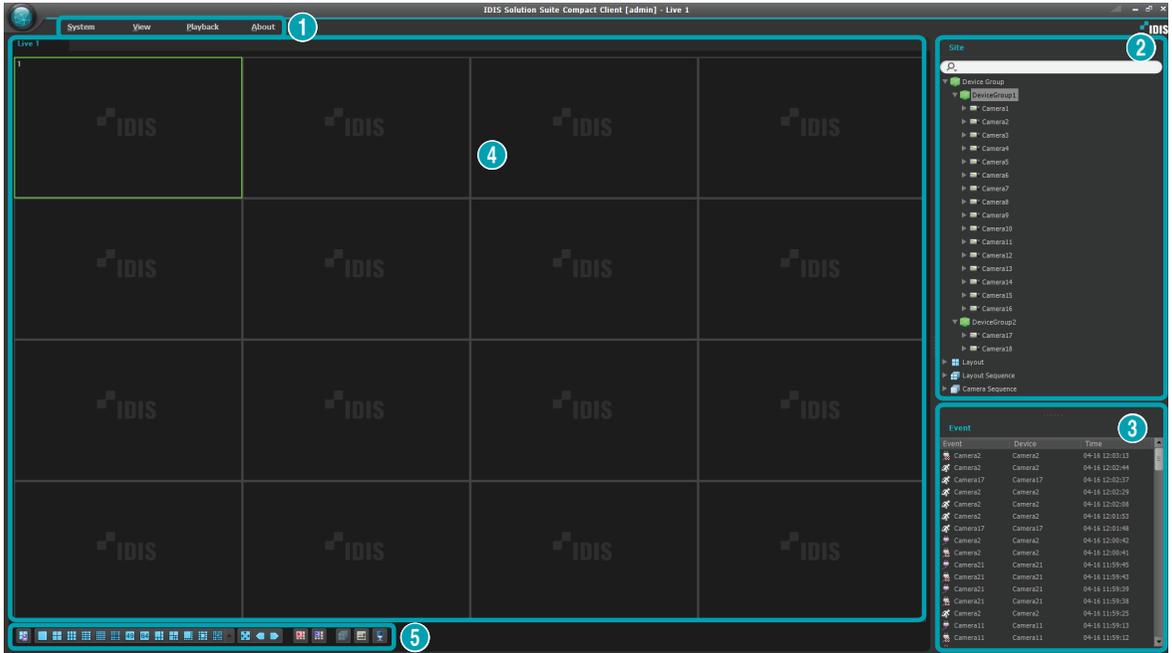
A warning message will appear on the bottom right part of the setup window in the following situations:

- If storage space has not been allocated for the recording service.
- If the storage space for recording is full.

Client

Monitor images from registered cameras, play back video recordings saved to storage spaces, save recordings as video files, or check the system log and device statuses.

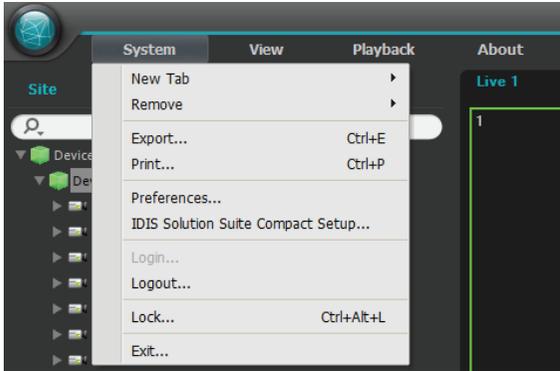
Go to **Start > IDIS Solution Suite Compact > IDIS Solution Suite Compact Client** and log in.



①	Menu	Used to control the Client program.
②	Site List	Used to connect to a registered site using drag & drop.
③	Live Event List	Shows live events and callback events of registered devices. For more details, refer to Event Handling on page 65 .
④	Panel	Shows videos or list of the selected tab.
⑤	Panel Toolbar/ Timetable	Shows toolbar or timetable depending on the panel. For more information, refer to the Recorded Video Playback on page 55 .

Menu

System



- **New Tab:** Create a new panel.

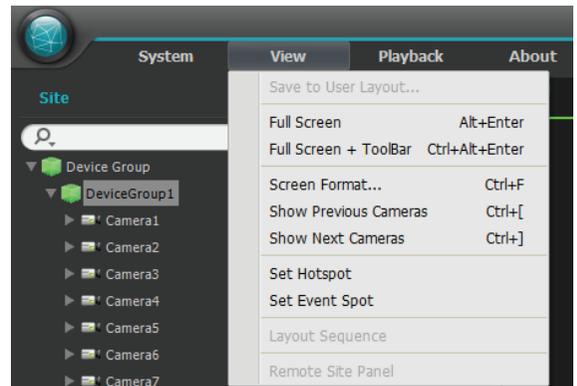
You can add up to 4 Live panels, 2 Play panels, and 2 SDCard Search panels.

- **Remove:** Removes selected device, camera or all cameras from the Live screen or Playback screen.
- **Export/Print:** Saves or prints the videos or list displayed on the panel of the selected tab.

Some panels are not supported.

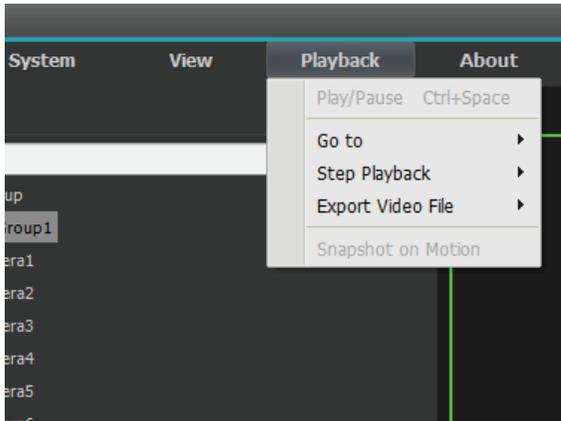
- **Preference:** Edit the Client program's basic settings.
- **IDIS Solution Suite Compact Setup:** Launch the Setup program.
- **Login/Logout:** Log in or out of the Client program.
- **Lock:** Lock out the IDIS Solution Suite Compact program. Once the program is locked, it will no longer be accessible and a password entry field will appear. Enter password to unlock.
- **Exit:** Exits the Client program.

View



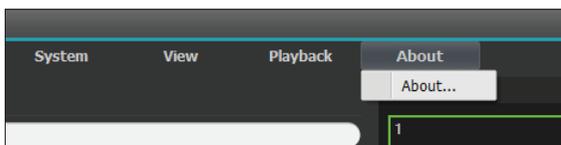
- **Save to User Layout:** Saves current screen layout.
- **Full Screen:** Show the selected Live or Play panel in full screen.
- **Full Screen + Toolbar:** Show the selected Live or Play panel with toolbar in full screen.
- **Screen Format :** Change screen layout.
- **Show Previous Cameras/Show Next Cameras:** Switch to previous or next camera group.
- **Set Hotspot:** Set the selected camera screen as hotspot screen. For more information, refer to the [Set Hotspot on page 35](#).
- **Set Event Spot:** Set the selected camera screen as event spot screen. For more information, refer to the [Set Event Spot on page 36](#).
- **Layout Sequence:** Start or end a layout sequence. For more information, refer to the [Layout Sequence on page 37](#).
- **Remote Site Panel:** Show or hide Site List from floating panel or full screen. This function only supports certain panels.

Play



- **Play/Pause:** Play or pause video recordings.
- **Go to:** Skip to the designated time.
- **Step Playback:** Skip to previous or next video by frame or time.
- **Export Video File:** Save video recording as a proprietary viewer file(.exe) or an AVI file(.avi).
- **Snapshot on Motion:** Show freeze-frame images of videos recorded during events (Event and pre-event) in the Play panel. For more information, refer to the **Motion Event Freeze-Frame on page 59**.

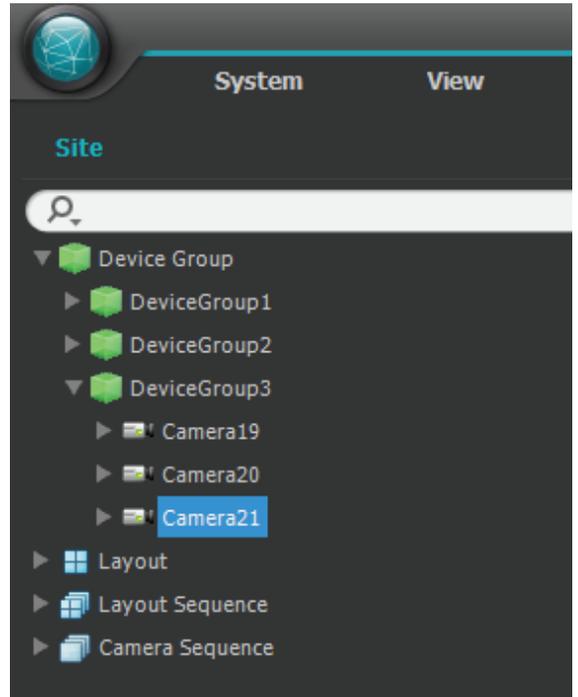
About



Shows software version and copyright information.

Site List

Shows a list of registered sites.



- **(Search):** Search registered sites.
- **Device Group:** Shows a list of registered device groups. By clicking a device on the list and dragging it to the desired position on the screen, you can view live video from the camera connected to the device or the camera's video recordings.
- **Layout:** Shows a list of registered layouts. By clicking a layout on the list and dragging it to the screen, you can perform layout monitoring or playback. For more information, refer to the **Layout Monitoring on page 36**.
- **Layout Sequence:** Shows a list of registered layout sequences. By clicking a layout sequence on the list and dragging it to the screen, you can perform layout sequence. For more information, refer to the **Layout Sequence on page 37**.
- **Camera Sequence:** Shows a list of registered camera sequences. By clicking a camera sequence on the list and dragging it to a desired position on the screen, you can perform camera sequence. For more information, refer to the **Camera Sequence on page 39**.

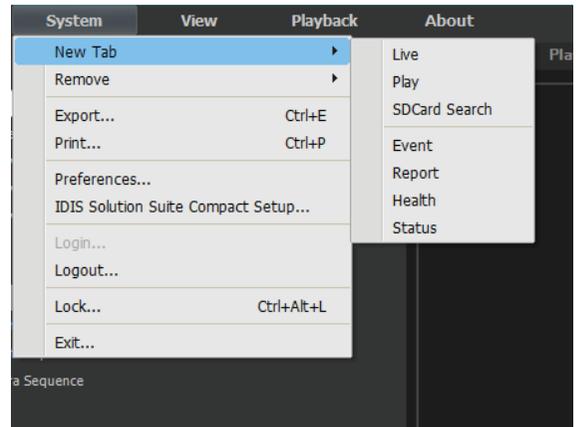
Panel



- **Live:** Shows live video.
- **Play:** Play back video recordings saved on the IDIS Solution Suite Compact system. For more information, refer to the [Recorded Video Playback on page 55](#).
- **SDCard Search:** Play back video recordings saved on SD (SDHC) memory cards inserted into network cameras. For more information, refer to the [Recorded Video Playback on page 55](#).
- **Event:** Displays a list of events that triggered an Event recording. From the event list, double-click or select and right-click on an event to display the concerned Event recording and images from cameras linked to that event. For more information, refer to the [Recorded Video Playback on page 55](#).
- **Report:** Displays the log. For more information, refer to the [Log search on page 69](#).
- **Health:** Checks the status of devices registered in the device group and shows the results. For more information, refer to the [System Status Monitoring on page 68](#).
- **Status:** Shows the status of selected device in real-time. For more information, refer to the [Device Status Monitoring on page 68](#).

In the Panel tab, you can right-click to rename the tab.

Adding/Removing Panels



Go to **System > New Tab** and select a panel you wish to add.

Click next to a panel to remove that panel.

Floating & Attaching Panels

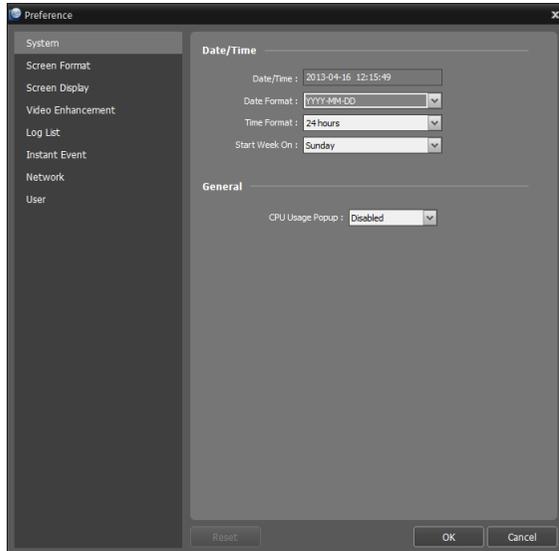
You can make a panel tab float on top of other windows by dragging the tab. You can click & drag the tab of the floating panel to their original position to attach it back. You can also use drag & drop to change the order of the Panel tabs.

- **Maximize Floating Panel:** To maximize or restore a floating panel, click on the Maximize or Restore button at the upper left corner of the panel.
- **Show/Hide Site List on Floating Panels:** Right click on the screen of the floating panel and select **Remote Site Panel** to show or hide Site list in the floating panel. This function only supports certain panels.

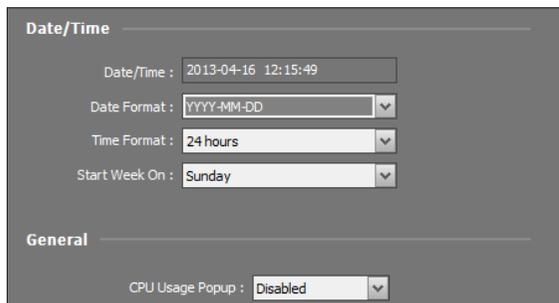
Menu - Preference

Edit the Client program's basic settings.

Go to **System > Preference** to load the Preference window.

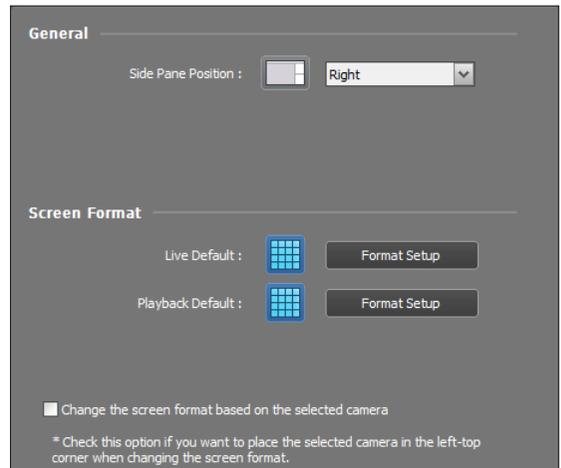


Date/Time



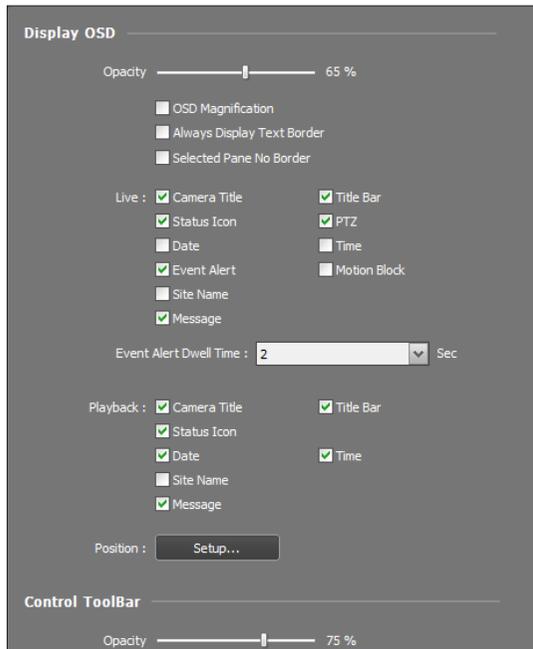
- **Date/Time:** Displays the current date and time.
- **Date Format/Time Format:** Set system date and time display formats.
- **Start Week On:** Sets the first day of the week.
- **CPU Usage Popup:** Shows a warning if the Client system's CPU usage exceeds a set value.

Layout



- **Side Pane Position:** Set the side pane's position.
- **Live Default/Playback Default:** Displays default Live/Playback screen layouts. Click **Format Setup** to change the default layout.
- **Change the screen format based on the selected camera:** If enabled, the camera selected in the current screen is positioned at the first camera screen when the layout is changed.

On Screen Display



• **Display OSD:** Sets OSD(On Screen Display) display method on the camera screen and enables and disables OSD.

- **Opacity:** Use the slider to adjust the OSD's opacity level.
- **OSD Magnification:** Select to enlarge the OSD to screen size.
- **Always Display Text Border:** Puts a black border on the texts of text OSDs such as a camera title, date, etc.
- **Selected Pane No Border:** Does not display a border on a currently selected camera screen during monitoring or playback.
- **Live, Playback:** Sets up OSD information to be displayed.
 - **Camera Title:** Displays the camera name set in IDIS Solution Suite Compact system.
 - **Title Bar:** Separates the title display area at the top of the camera screen.
 - **Status Icon:** Displays status OSD.

 (Red)	Time Lapse or Event recording
 (Orange)	Instant Recording
	PTZ mode
	Camera Sequence mode
	Zoom In mode
	Two-way audio communication mode

- **PTZ:** Adjusts pan & tilt control buttons on the screen when controlling a PTZ.
- **Date and Time:** Displays current date and time of IDIS Solution Suite Compact system.
- **Event Alert/Event Alert Dwell Time** Turns the title bar of a camera to red when an event occurs on the device. Event warning is displayed for the duration set under **Event Alert Dwell Time** and then disappears. If **Turn Off Manually** is selected, event warning disappears when the user selects the subject camera screen.
- **Motion Block:** If a motion detection event occurs on a device, the part of the screen where motion is detected is displayed as a red block.

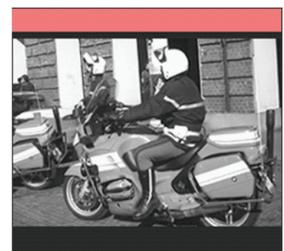


Limited to network video server connections.

- **Site Name:** Displays the name of the device. Only displayed if camera name and device name are different.
- **Message:** Displays message on the screen. For more information, refer to the [Network on page 32](#).
 - **Position:** OSD positions can be changed.
- **Control Toolbar:** The opacity of control toolbar on camera screen can be adjusted using the **Opacity** slider.



Camera Title/Status Icon/Date/Time



Event Alert



Motion Block



Control Toolbar

OSD Info

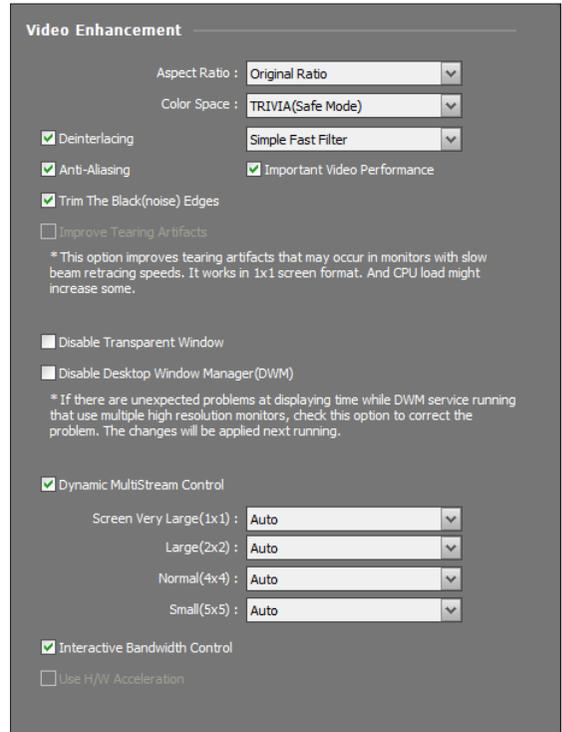
OSD is shown on each of the camera screens displayed on the Client program's Live screen.



- **Camera Title:** Displays the camera title set in IDIS Solution Suite Compact system.
- (Listen or Talk): Indicates that IDIS Solution Suite Compact program is receiving audio from the device or sending audio to the device.
- (PTZ): Indicates that PTZ can be controlled.
- (Camera Sequence): Indicates that camera sequence is in progress.
- (Red): Indicates that Time Lapse or Event recording is in progress.
- (Orange): Indicates the Instant recording is in progress.
- (Zoom): Indicates that the video is zoomed in.
- **Date/Time:** Displays current date and time of IDIS Solution Suite Compact system.
- **Event Alert:** Indicates that an event has been detected. Camera's title bar is displayed in red.
- **Motion Block:** A block is displayed over the area of video in which motion event was detected.

Limited to network video server connections.

Vide Settings



- **Aspect Ratio:** Sets the aspect ratio of video output.
 - **Original Ratio:** Resizes camera screen to original aspect ratio of the video.
 - **Fit to Screen:** Resizes video to camera screen regardless of original aspect ratio.
 - **Fit to Screen (Aspect ratio):** Resizes video to camera screen while maintaining original aspect ratio.
 - Left and right part of the video may be cropped depending on size of camera screen. When using **Image Zoom, Hotspot, Event Spot, or Draw Motion Block**, camera screen aspect ratios do not apply and **Original Ratio** is applied.
 - **Actual Size (x1):** Displays the video in actual size.
- **Colored Space:** Choose the colored space for video display on the screen. The overall color and display performance may vary depending on Colored Space settings.

- **Deinterlacing:** If the video is encoded in interlaced mode, this option removes horizontal stripes or noise that may occur during movement to improve video output quality. Select the desired deinterlacing filter.
- **Anti-Aliasing:** Removes stair step (blocks) artifacts that are caused when zooming a video to improve overall quality of video output.
- **Important Video Performance:** Puts speed over quality of video output when displaying videos on the screen.
- **Trim The Black(noise) Edges:** Removes black borders (noise) from the edges of the image.
- **Improve Tearing Artifacts:** Removes tearing artifacts caused when the monitor's refresh rate is low.

Only supports 1x1 layout. CPU usage may increase if this option is enabled.

- **Disable Transparent Window:** Disables transparent window style if flickering occurs in the transparent areas of a window. When this option is enabled, all windows, including the control toolbar, are displayed as solid windows. Changed settings will take effect when the program is restarted.
 - **Disable Desktop windows Manager (DWM):** Disables Desktop Windows Manager, which runs Windows Aero.
- Video may freeze when using multiple monitors. In this case, enabling this option is recommended.
- **Dynamic MultiStream Control:** IDIS Solution Suite Compact can be set to use different streams depending on layout. If **Auto** is chosen, IDIS Solution Suite Compact will automatically set the most appropriate stream for the layout.
- Only supports devices that use more than one stream.
- **Interactive Bandwidth Control:** Changes resolution and frame rate of the device depending on layout to control network bandwidth. It allows more efficient use of network bandwidth and prevents performance drops in iRAS System caused by network overloads.
 - **1x1 Layout:** Maximum resolution and transfer speed supported by the subject device.

- **Multiple Layout:** Resolution and frame rate lowered to an appropriate level for each layout



- This function must be supported by the device for the function to operate properly.
- This function only applies to Live videos.

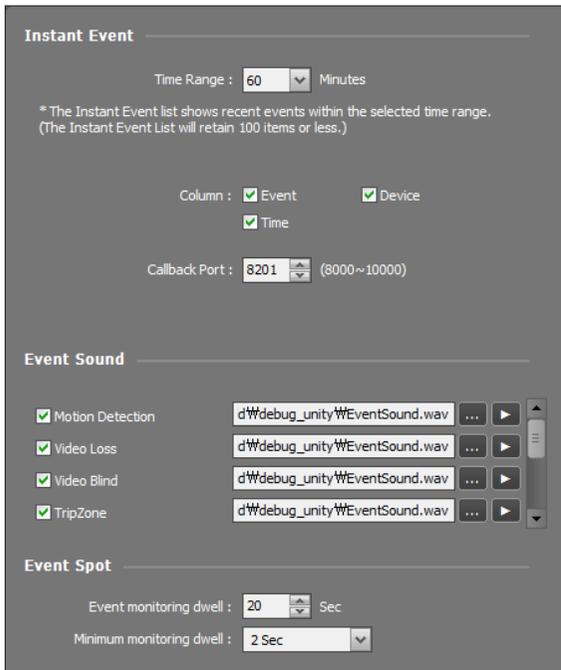
- **Use H/W Acceleration:** May enable hardware acceleration for high-quality video processing. This option is only available if the user's PC supports hardware acceleration.

Log List



Number of result displayed on the list: Set the number of logs to be displayed per page. For **Device Log**, the value is 100 regardless of the user-defined setting.

Instant Events



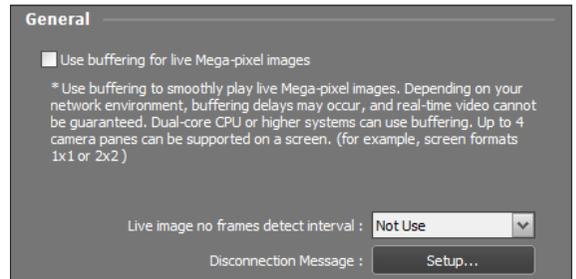
- **Time Range:** Sets the duration in which each event is displayed in the Instant Event list.

If the event list is less than 100, event notification does not disappear from the Instant event list even if the duration passes.

- **Column:** Select which information to display on the Instant Event list.
- **Callback Port:** Set the port number for receiving callback messages from the device. Port number must be identical to the port number set on the subject device for remote callbacks.
- **Event Sound:** Enable audio notification when an event occurs. Select the desired event, and click **...** to set the audio file (.wav) to be played. You can preview the selected audio file by clicking **▶**.
- **Event Spot:** Shows the camera video in which an event occurred on the event spot screen.
 - **Event monitoring dwell:** Set the duration in which video is displayed on the event spot screen.

- **Minimum monitoring dwell:** Set the watch duration of current event when another event is detected while current event is being displayed. The camera video of the latter event is displayed after the set duration has passed.

Network



- **Use buffering for live Mega-pixel images:** When monitoring a megapixel video, buffering can be used to smoothen video playback. This function supports PCs with dual-core CPUs or better and up to 4 cameras per Live panel are supported. Buffering may be delayed or live video may be delayed depending on network conditions.
- **Live image no frames detect interval:** Set the interval for transmission of video frames. If a video frame is not transmitted to IDIS Solution Suite Compact system for the set duration, a message is displayed on the corresponding camera screen.
- **Disconnection Message:** Change the message to be shown on the screen when connection with a device is lost. Click **Setup**, check the boxes next to each message, and then change the message.

User

The screenshot shows a configuration window with two main sections: 'General' and 'Auto Connect'. In the 'General' section, there is a checkbox labeled 'Auto run IDIS Solution Suite Compact Client at Windows startup'. In the 'Auto Connect' section, there are three checkboxes: 'Auto login at startup', 'Restore last Live sessions at auto login', and 'Auto'. The 'Auto' checkbox is selected, and it is followed by two dropdown menus: 'Lock' and '1 hour'. Below these options, there is a note: '* If there is no keyboard or mouse activity, you will be automatically locked out after a specified time.'

- **Auto run IDIS Solution Suite Compact Client at Windows startup:** Runs the Client program automatically at Windows startup.
- **Auto login at startup:** Uses the previous login information to log in automatically upon Client program startup. If **Restore last Live sessions at auto login** option is enabled, previous Live session is restored in the current Live panel.
- **Auto:** Automatically logs out of the Client program or locks the Client system if a mouse or keyboard input is not detected for a set period of time while logged in.

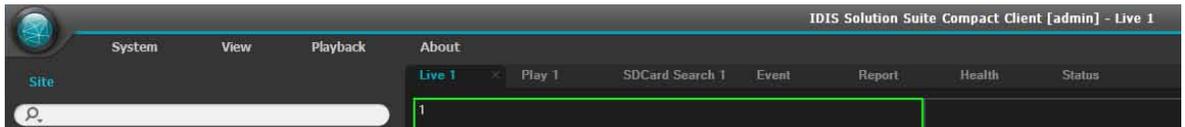
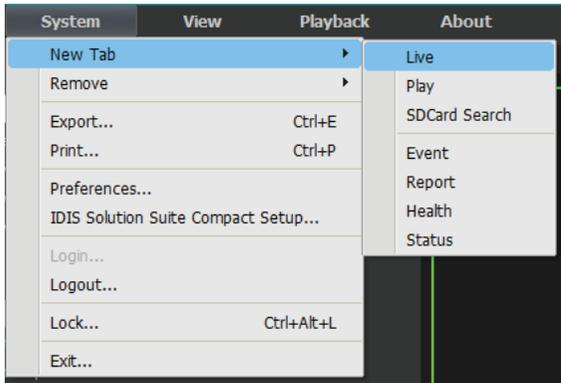
Part 5 - Operation

Live Video Mode

Live videos of registered sites can be monitored. IDIS Solution Suite Compact system receives videos according to the device's settings and displays live videos.

Services must be running on the system and devices must be added to the device group in order to use Live Video Mode. For more details, refer to **Devices Management on page 70**.

Up to 4 Live panels are supported for monitoring live videos. If a Live tab doesn't exist in the panel tabs, you can add them by selecting **New Tab** in the **System** menu and clicking **Live**.



- 1 In the panel tabs, click the **Live** tab.
- 2 In the **Site** list, select a site you wish to connect to. Then, drag & drop the selected site on the live screen using your mouse.
- 3 The live video of the selected site will be displayed on the screen.
 - You can select and move a camera to a desired position on the Live screen without disconnecting by selecting the camera being monitored and moving it using drag & drop with your mouse.
 - Monitoring or playing 2 or more camera vides with resolutions higher than 1280x720 may cause the performance of IDIS Solution Suite Compact system to drop significantly.

Panel Toolbar

The Live panel can be controlled by using the toolbar at the bottom.



1	Save to User Layout	Saves current screen layout.
2	Screen Format	Change layout. Various layouts can be selected by clicking button. You can switch to previous or next camera group by clicking or . Click or to see the panel's Toolbar or Timetable.
3	Hotspot	Sets the selected screen as hotspot screen.
4	Event Spot	Sets the selected screen as event spot screen.
5	Layout Sequence	Starts or stops layout sequence.
6	Save/Print image	Save or print the image on the screen.
7	Audio Broadcast	Broadcast audio to all devices in the current Live tab.

Set Hotspot

Hotspot is a camera screen designated by the user to be emphasized while monitoring a video. A hotspot screen is marked by red border.

- 1 Select a camera screen to set as **hotspot** screen from the screens currently being monitored.
- 2 Click (Hotspot) on the Toolbar at the bottom of the screen to disable the connection to the selected camera screen. A hotspot screen is marked by red border.
- 3 When a camera is selected on the screen, the selected camera will be displayed in the hotspot screen and the selected camera can be controlled.

Set Event Spot

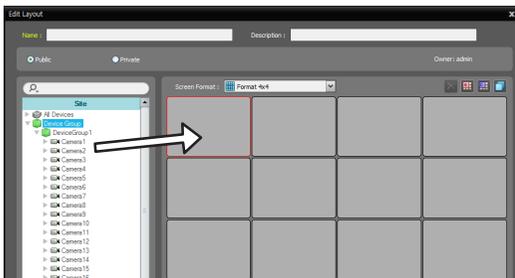
Event Spot is a camera screen designated to emphasize the videos in which events occur while monitoring a video. An event spot screen is marked by blue border.

- 1 Select a camera screen to set as event spot screen from the screens currently being monitored.
- 2 Click  (Event Spot) on the Toolbar at the bottom of the screen to disable the connection to the selected camera screen. An event spot screen is marked by blue border.
- 3 When an event occurs on the screen, the camera in which the event occurred will be displayed in the event screen.

Layout Monitoring

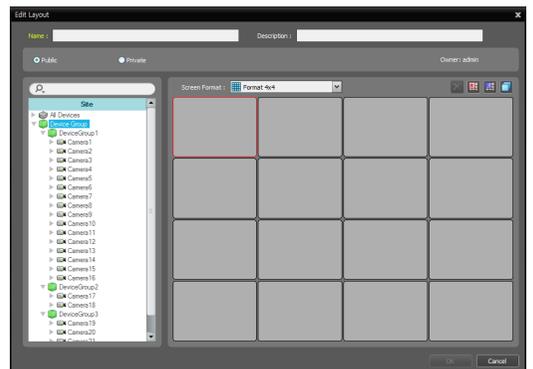
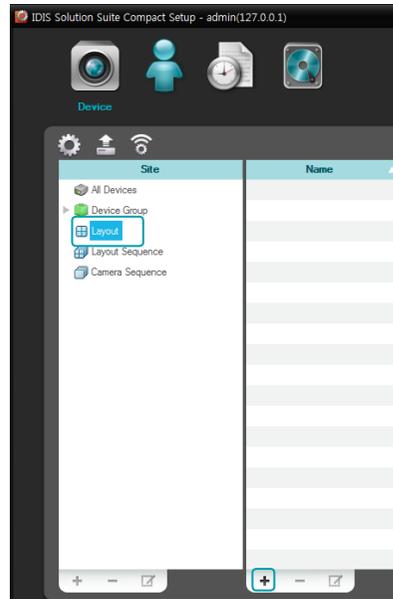
Videos from multiple cameras can be monitored using a predefined layout. A layout must be registered to use layout monitoring.

- 1 In the Layout list, select a layout you wish to use. Then, drag & drop the selected layout on the live screen using your mouse.
- 2 The camera videos added the subject layout will be displayed according to the predefined layout.



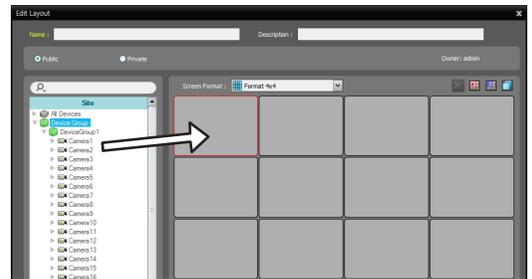
Registering a Layout

- 1 Go to **Start > IDIS Solution Suite Compact > IDIS Solution Suite Compact Setup**, log in, and then select the device menu.
- 2 On the **Site** panel, click on **Layout**, then click on the **+** button at the bottom of the Site List panel on the right. A **Add Layout** window will appear on the screen.



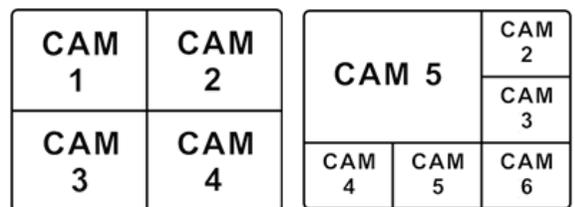
- **Name:** Enter a name for the layout.
- **Site:** Shows the registered devices, cameras, and camera sequences. A registered device or camera sequence can be searched by entering a query next to the  icon.
- **Public/Private:** Shares subject layout to all users or only shows it to the current user. **admin** users can see all layouts.

- **Owner**: Shows the user ID of the person who created the subject layout.
- **Layout** : Select the subject layout. In **Site** list, select the device, camera, or camera sequence you wish to allocate and drag & drop them to the desired position in the layout screen using your mouse.
- **X** (Delete): By selecting a specific screen in the layout screen and pressing the delete button, you can delete the camera allocated to the selected screen from the layout screen.
- **Hotspot** (Hotspot): By selecting a specific screen in the layout screen and pressing the hotspot button, you can set the selected screen as a hotspot screen.
- **Event Spot** (Event Spot): By selecting a specific screen in the layout screen and pressing the event spot button, you can set the selected screen as an event spot screen.
- **Camera Sequence** (Camera Sequence): By selecting a specific screen in the layout screen and pressing the camera sequence button, you can create a new camera sequence. The new camera sequence is allocated to the selected screen.



- 2 You can stop or resume a layout sequence by clicking **Layout Sequence** on the Toolbar at the bottom of the panel.

Example of Layout Sequence



Layout 1

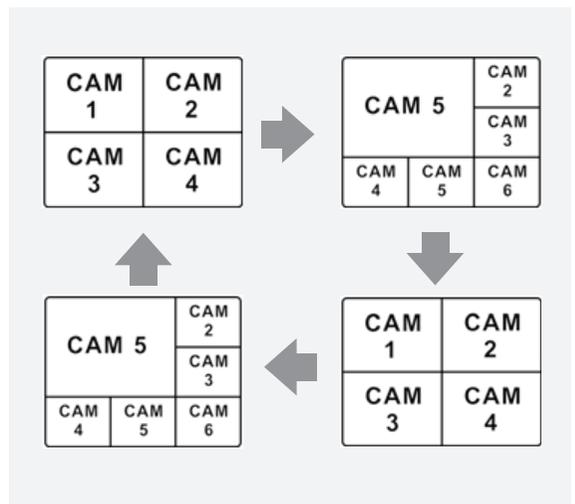
Layout 2

- 3 Click **Close** to finish adding a layout.

Layout Sequence

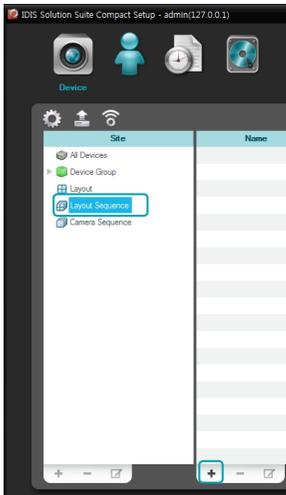
Videos from multiple cameras can be monitored sequentially using two or more a predefined layout. A layout sequence must be registered to use layout sequence function.

- 1 In the layout sequence list, select a layout sequence you wish to use. Then, drag & drop the selected layout sequence on the live screen using your mouse. The camera videos added to the subject layout sequence will be displayed sequentially in the screens in each layout.

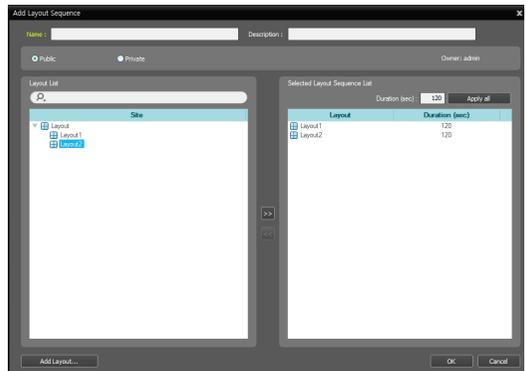
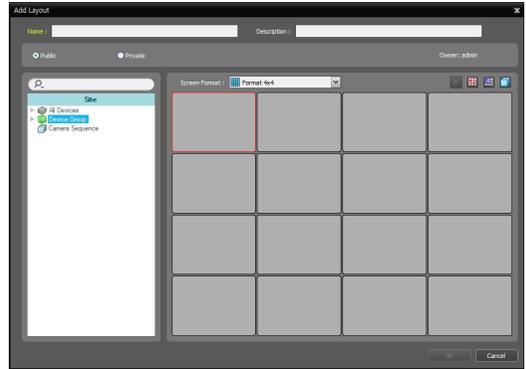
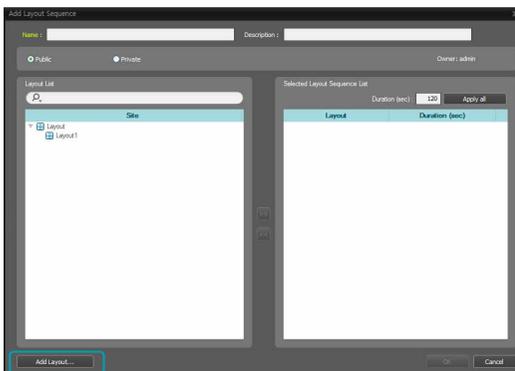


Layout Sequence Registration

- 1 Go to **Start > IDIS Solution Suite Compact > IDIS Solution Suite Compact Setup**, log in, and then select the device menu.
- 2 On the **Site** panel, click on **Layout Sequence**, then click on the **+** button at the bottom of the Site List panel on the right. A **Add Layout Sequence** window will appear on the screen.



- 3 Click **Add Layout** and register layouts for sequential monitoring. Two or more layouts must be registered to use layout sequence.

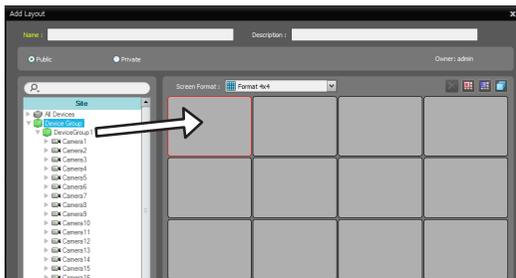


- **Name:** Enter a name for the layout sequence.
 - **Public/Private:** Shares subject layout sequence to all users or only shows it to the current user. **admin** users can see all layout sequences.
 - **Owner:** Shows the User ID of the person who created the subject layout sequence.
 - **Layout List:** Shows a list of registered layouts. Registered layouts can be searched by typing search query next to the  icon.
 - **Selected Layout Sequence List:** Shows a list of layouts registered for layout sequence.
 - **Duration (sec):** Shows the display duration for each layout. The set duration can be applied to all layouts by clicking **Apply to All**.
- 4 Select a layout from the **Layout List** and then click **>>** to add the layout to Selected **Layout Sequence List**.
 - 5 Click **Close** to finish adding a layout sequence.

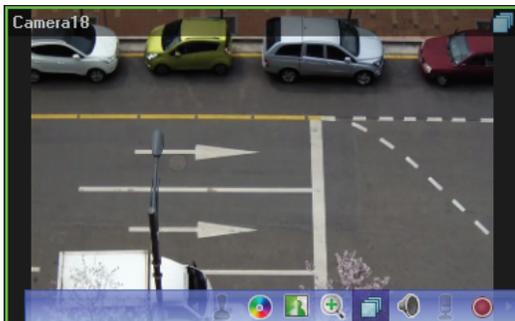
Camera Sequence

Videos from multiple cameras can be monitored sequentially on the same camera screen. A camera sequence must be registered to use camera sequence function.

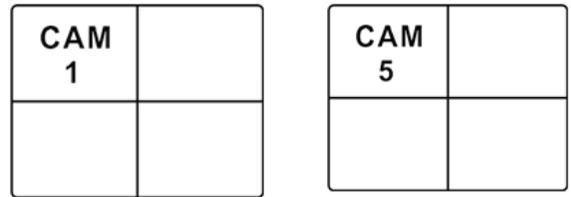
- 1 In the camera sequence list, select a camera sequence you wish to use. Then, drag & drop the selected camera sequence on the live screen using your mouse. The video from cameras added to the subject camera sequence will be displayed on the screen sequentially.



- 2 You can stop or resume a camera sequence by clicking  in the control toolbar at the bottom of the camera screen.

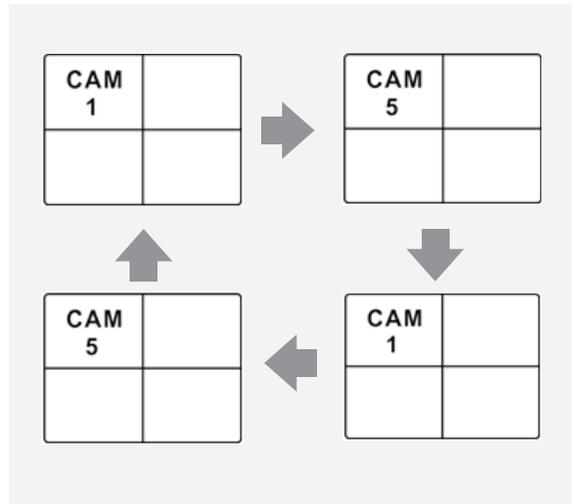


Example of Camera Sequence



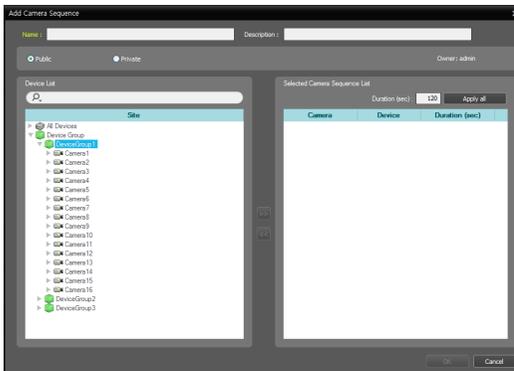
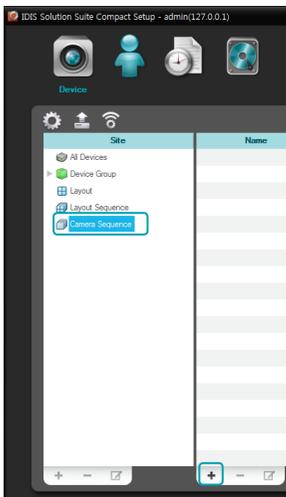
Camera 1

Camera 5



Registering a Camera Sequence

- 1 Select **IDIS Solution Suite Compact Setup** from the **System** menu and then select the **Device** menu.
- 2 On the **Site** panel, click on **Camera Sequence**, then click on the **+** button at the bottom of the Site List panel on the right. A **Add Camera Sequence** window will appear on the screen.



- **Name:** Enter a name for the camera sequence.
- **Public/Private:** Shares subject camera sequence to all users or only shows it to the current user. admin users can see all camera sequences.
- **Owner:** Shows the User ID of the person who created the subject camera sequence.

- **Device list:** Shows a list of registered devices. Registered devices can be searched by typing search query next to the **Q** icon. When a search query is entered, matching results are shown as the query is typed.
 - **Selected Camera Sequence List:** Shows a list of camera registered for camera sequence. **Duration (sec)** displays the time when images from each camera will be shown on the screen. The set duration can be applied to all cameras by clicking **Apply All**.
- 3 Select a camera from the device list and click **>>** to add the selected camera to **Selected Camera Sequence List**.
 - 4 Click **Close** to finish adding a camera sequence.

Camera Control

Controls the camera using the control toolbar and screen menus.

Control Toolbar

Select a camera screen and place the cursor over the subject camera screen to bring up control toolbar. The control toolbar can be used to control the selected camera. Place the cursor over each button to view tooltips for the button.



-  (PTZ Control): If the camera supports PTZ control, the camera's PTZ can be controlled.
-  (Color Control) : Adjust the brightness, contrast, saturation and color of the current video. Click  to reset all changes and restore the image to original settings.

This setting can be applied to the videos in IDIS Solution Suite Compact program as well as videos of devices.

-  (Image Effect): Applies image effects.
-  (Image Zoom): Zooms the video.
-  (Camera Sequence): Starts or stops layout sequence. For more information, refer to the **Camera Sequence on page 39.**

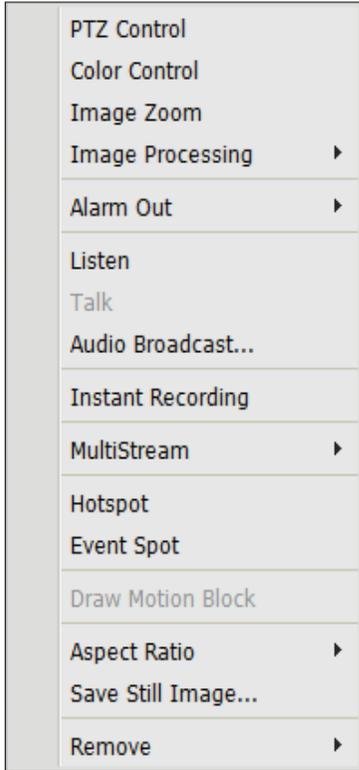
-  /  (Listen or talk): Receives audio from the device or sends audio to the device.
-  (Instant Record): Starts or stops Instant recording. Instant Recording ODS is shown on the upper right part of the camera screen and Time Lapse/Event recording is suspended while Instant recording is in progress.



- **Instant Recording** is a feature that lets you start recording the current video feed manually. You can configure higher compression codec, resolution, recording speed, and picture quality settings for Instant recording to achieve higher recording quality on footages you choose to record.
- Load on the system can delay the recording. In this case, recording OSD may indicate a time later or longer than the time configured in the schedule. For more information, refer to the **Instant Recording Setup on page 53.**

Live Screen Menu

Select a camera screen and right-click to bring up the screen menu. The screen menu can be used to control the selected camera.



- **PTZ Control/Color Control/Image Zoom/Listen/Talk/Instant Recording:** Functions identically to the corresponding buttons in control toolbar.
- **Image Processing:** Applies image effects.
- **Alarm Out:** Activates or deactivates alarm output.
- **Audio Broadcast:** Broadcast audio to all devices in the current Live tab.
- **MultiStream:** Desired stream can be selected if multi-stream mode is enabled for the live video of the subject device.
- **Hotspot:** Set the selected camera screen as hotspot screen. For more information, refer to the **Set Hotspot on page 35**.
- **Event Spot:** Set the selected camera screen as event spot screen. For more information, refer to the **Set Event Spot on page 36**

- **Draw Motion Block:** If a motion detection event occurs on the selected camera, the part of the screen where motion is detected is displayed as a red block.

Only supports network video servers.

- **Aspect Ratio:** Sets the aspect ratio of video output.
 - **Fit to Screen:** Resizes video to camera screen regardless of original aspect ratio.
 - **Fit to Screen (Aspect ratio):** Resizes video to camera screen while maintaining original aspect ratio.

Left and right part of the video may be cropped depending on size of camera screen. When using Zoom, Hotspot, Event Spot, Show Motion Block features, camera screen aspect ratios do not apply and **Fit to aspect ratio** is applied.

- **Original Ratio:** Resizes camera screen to original aspect ratio of the video.
- **Half Size (x0.5) - Quadruple Size (x4):** Displays the camera videos in the selected size based on the original size of the video.

The menu is activated only when there is sufficient space to display the camera video in the selected size.

- **Save Still Image:** Saves the current frame of the video on the screen as a image file in actual size.
- **Remove:** Terminates current connection.

PTZ Control

Click on  (PTZ Control) button in the control toolbar to bring up PTZ control toolbar. The buttons on the PTZ toolbar can be used to control PTZ. Some features not may be supported depending on the PTZ camera model.

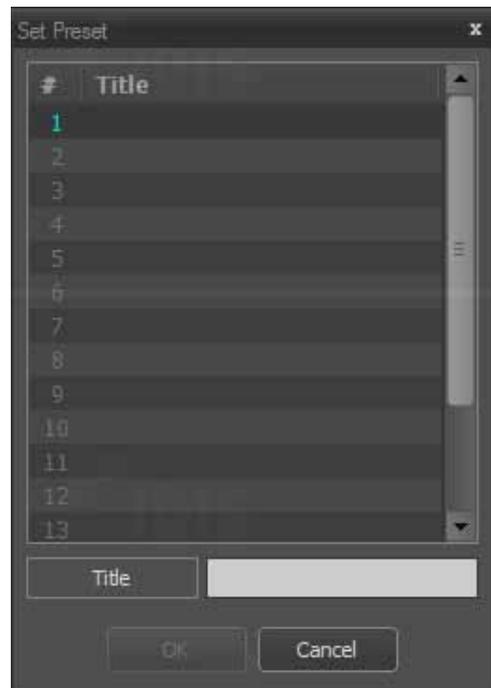


-  (Direction control): Shows or hides  (Direction control panel). Click on the arrow keys in the Direction Control Panel or drag the camera screen to control the directional movement of PTZ camera.
 -   (Zoom in/out): Zoom in and out of current video.
 -   (Focus far/near): Adjust camera focus to far or near.
 -   (Open/close aperture): Open or close aperture of camera lens.
 -   (Set/view Presets): Set or view presets.
 -  (Auto-focus): When the camera loses focuses after zooming in or out, click the auto-focus button to adjust autofocus.
- Only certain network camera models are supported.
-  (Advanced menu): Controls the advanced features supported by the subject camera. For more details on advanced features, refer to the subject PTZ camera's operation manual.
 -  (Close): Closes PTZ mode and returns to control toolbar.

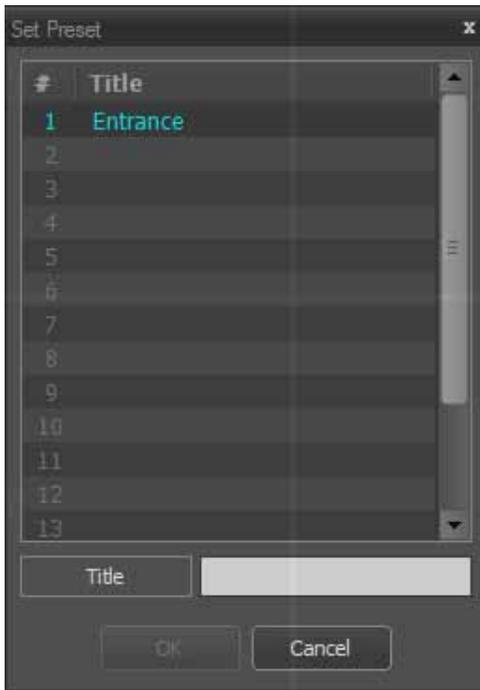
PTZ Preset Control

Sets the current camera position as a **Preset** to quickly move the camera to the preset position.

- 1 On the camera screen, move the PTZ camera to the desired direction.
- 2 Click  (Set Preset) on the PTZ toolbar to bring up **Set Preset** window. Enter a name for the present and click **OK** to save the current position as the name just entered.



- Click (View Preset) on the PTZ toolbar to bring up **View Preset** window. Select the desired preset and the PTZ camera will point to the preset position.



Zoom In

Press (Zoom in) in the control toolbar to zoom in on the current video.



- (Slider): Adjust magnification. Magnification can also be adjusted using the mouse scroll wheel.
- (Actual Size Zomm): Enters Zoom to Actual Size mode. In Zoom to Actual Size mode, the actual size of the video is displayed regardless of the size of camera screen or magnification.
- (Zoom finder): Shows or hides PIP screen. The square of PIP screen displays the zoomed area.

PIP stands for Picture in Picture, and it refers to the small screen displayed within the bigger screen.

Image effect

Click on  (Image effect) on the control toolbar to bring up image effect control toolbar.



-  (Blur): Softens the image.
-  (Sharpen): Sharpens the image.
-  (High-Boost): Enhance image clarity by increasing brightness and sharpness.
-  (Histogram Equalization) : Makes image more natural by adjusting brightness.
-  (Edge Detection): Detect outline in the image.
-  (Revert): Cancel all changes and restore image to original.

These settings are only applicable to images of iRAS program and does not apply to images of devices.

Record

Images from cameras registered to the IDIS Solution Suite Compact system can be recorded in three different ways: **Time Lapse Recording**, **Event Recording**, and **Instant Recording**. Time Lapse Recording and Event Recording take place during times specified in the schedule and using the settings of the applicable preset. Instant Recording can be started and stopped manually by the user. Services must be running on the system and devices must be added to the device group in order to record video.

- If two or more recording modes are activated at the same time, recording will take place in the following sequence: 1. Instant Recording, 2. Time Lapse Recording/Event Recording, 3. Pre-Event Recording.
- If identical recording modes or Time Lapse Recording and Event Recording overlap, the schedule at top on the **Schedule Setup** window will take priority. The user may change the order of the schedules by rearranging them.

Verify that applicable laws and regulations in the installation area permit audio recording.

The user will be held liable for any violation of the law. (Article 25-5 of the Personal Information Protection Act: Operators of image data processing devices may not operate such devices for purposes other than as originally intended during device installation, place such devices at locations other than as originally intended, or use such devices to record audio.)

Storage Setup

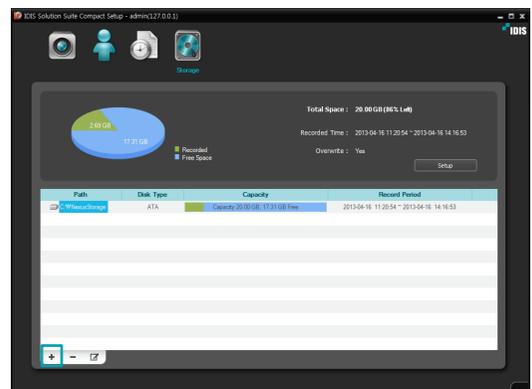
Storage space must first be allocated before recording video.

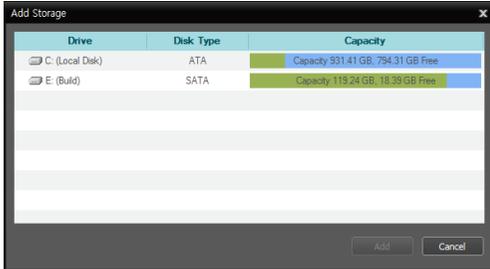
Go to **Start > IDIS Solution Suite Compact > IDIS Solution Suite Compact Setup**, log in, and then select the **Storage** menu.

- Storage space cannot be allocated on a USB hard disks, network hard disks, or dynamically-configured hard disks.
- Video recording search and playback are supported only from the IDIS Solution Suite Compact system on which the recording was made. If you connect a hard disk containing video recordings to another IDIS Solution Suite Compact system, it will not be possible to search or play back video recordings contained on a hard disk from that system.
- You may allocate up to 5,000GB of storage space.

Storage Space Allocation

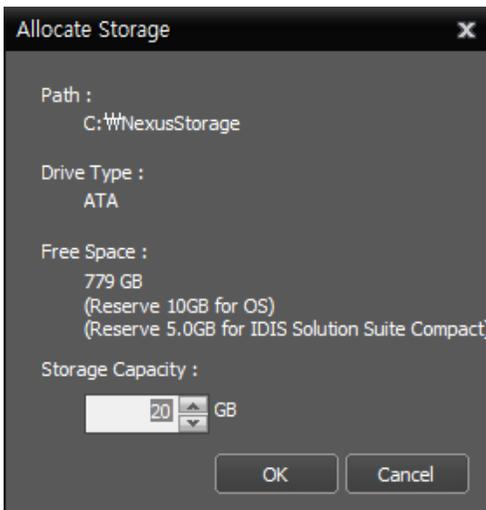
- 1 Click **+** at the bottom. **Add Storage** window will appear and display information about each of the hard disks and a list of available hard disk drives.





- **Drive:** Indicates the drive's name and volume label. If the hard disk drive does not have a file system, **PHYSICALDRIVE No.** will be shown instead of its name and volume label. IDIS Solution Suite Compact program assumes hard disk drives that do not use a Windows file system (FAT32 or NTFS) as having no file system.
- **Disk Type:** Indicates the type of the hard disk drive.
- **Capacity:** Indicates the storage space's total capacity and available capacity.

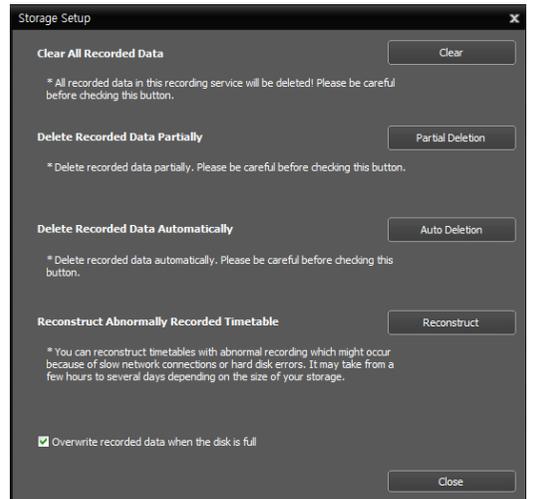
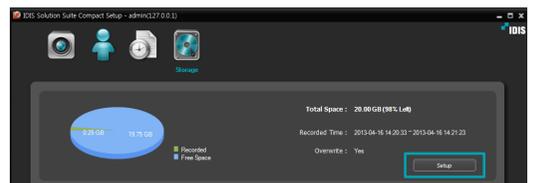
2 Select the hard disk drive you wish to allocate storage space to and then click **Add** at the bottom to load the **Allocate Storage** window.



- **Path:** Indicates the storage space's folder path.
- **Drive Type:** Indicates the type of the hard disk drive.
- **Free Space:** Indicates the available space.
- **Storage Capacity:** Specify the amount of storage space to allocate (Min. 20GB).

✓ If the IDIS Solution Suite Compact program has been installed on the hard disk, make sure to leave a sufficient amount of free space. If the hard disk drive is the one on which Windows has been installed, leave at least 10GB of free space to ensure uninterrupted OS operation. Otherwise, the system may not function properly. If the hard disk drive does not have a file system, the entire available space on the drive will be allocated automatically as storage space.

3 Click **Setup** to load the **Storage Setup** window.



- **Clear All Recorded Data:** Deletes all recorded data contained in all hard disk drives currently in use.
- **Delete Recorded Data Partially:** Delete recorded data from a specific section for each device. Recording will suspend while data deletion is in progress.
- **Delete Recorded Data Automatically:** Automatically deletes recorded data from prior to a specified section. To specify a section, click **Auto Deletion** and then select **Use**.

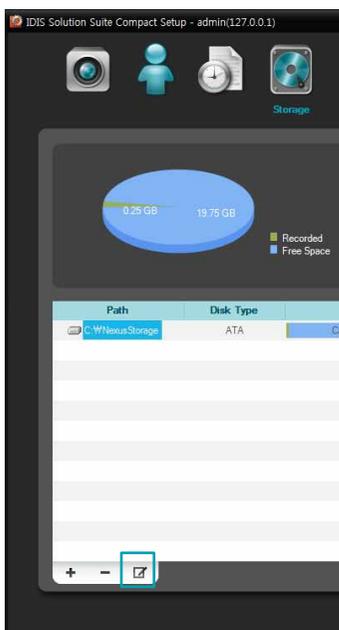
- Set the duration as 30 days, for example, and all recorded data from more than 30 days prior to the current date will be deleted automatically.

- **Reconstruct Abnormally Recorded Timetable:** Recorded data and recorded data's timetable information may not match if the network connection between the IDIS Solution Suite Compact system and the device is too slow or the IDIS Solution Suite Compact system's hard disk drive is damaged. Accordingly, this may result in incorrect timetable information display on the Client program. In this case, click on the button to restore the timetable data.
- **Overwrite recorded data when the disk is full:** When the allocated storage space becomes full, the system overwrites existing data with new data, starting with the oldest first.

Manage Storage Space

Adjust the allocated storage space amount or delete saved data to free up space.

Select a storage space from the storage space list and then click at the bottom to load the **Edit Storage** window.



- **Resize Storage:** Increase the storage space capacity.
- **Clear Storage:** Resets the storage space and deletes all stored data.

- Video recording search and playback are suspended while the storage space is being resized or cleared.

- Clearing a storage space deletes all the data it contains. It will not be possible to recover the deleted data.

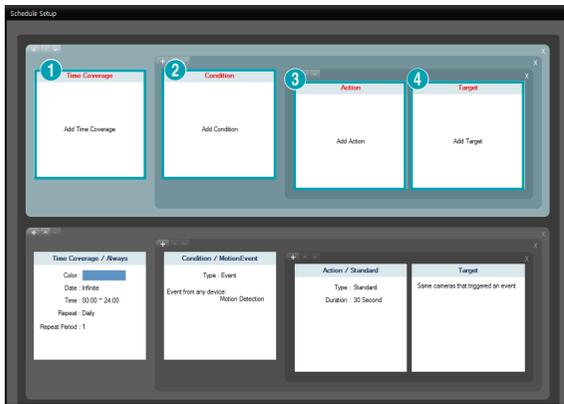
Recording Schedule Setup

Go to **Start > IDIS Solution Suite Compact > IDIS Solution Suite Compact Setup** and log in. Select **Recording Schedule** to set up a recording schedule.

- Recording function is supported only for devices registered as an **admin** user.
- If a device is registered on another IDIS Solution Suite Compact system as well, recording can only take place on the first IDIS Solution Suite Compact system to establish connection. Once a connection is established, the other IDIS Solution Suite Compact system will not be able to record video from the concerned device until the initial connection is severed.
- If the device is not a network video server, the device's codec, resolution, recording speed, and picture quality settings will apply when recording.
- If the recording speed and resolution settings on the IDIS Solution Suite Compact system are higher than the device's Transmission Rate and Maximum Resolution settings, the device's Transmission Rate and Maximum Resolution settings will apply when recording. This applies to 4-channel network video servers only.
- If network connection with the device is temporarily severed due to a network issue or an IDIS Solution Suite Compact system reboot, the device will temporarily store the images from the concerned period and transmit it upon network connection reestablishment. However, images from the concerned period can be recorded differently than the recording schedule settings.
- Recording speed can diminish depending on network conditions or system performance.

- Load on the system can delay the recording. In this case, recording OSD may indicate a time later or longer than the time configured in the schedule.
- Monitoring or playing 2 or more camera videos with resolutions higher than 1280x720 may cause the recording performance of IDIS Solution Suite Compact system to drop significantly.
- Depending on the IDIS Solution Suite Compact system's performance, monitoring and playback features may not perform smoothly while video is being recorded.

Click **Schedule Setup** at the bottom to load the **Schedule Setup** window, which will display the current preset settings of each schedule.



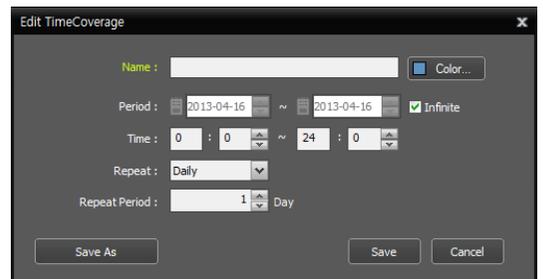
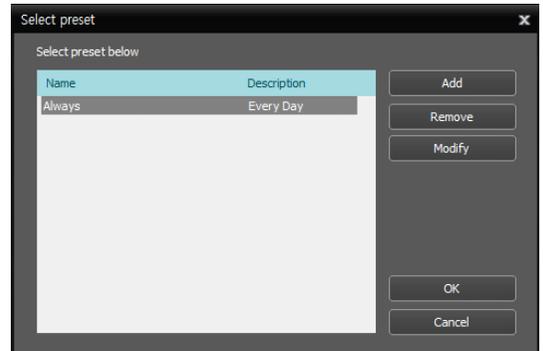
- ① **Time Coverage:** Specify the schedule's time range. You may set up multiple time ranges. Higher-level schedules will apply first.
- ② **Condition:** Specify the recording type. You may set up multiple recording types per time range. Higher-level schedules will apply first.
- ③ **Action:** Configure streaming (for network cameras) or recording (for network video servers) settings. You can set up multiple actions per recording condition.

④ **Target:** Select which cameras to record.

- In Schedule Setup, **Preset** refers to a single collection of time range, condition, and/or action settings.

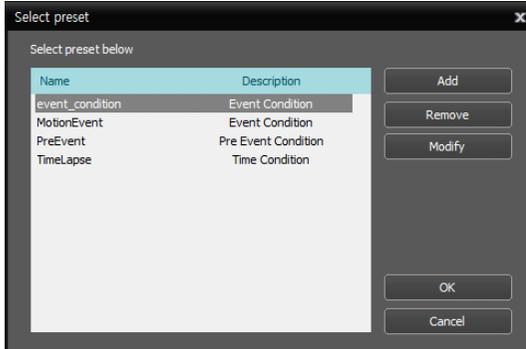
Recording is continuously performed during the time the schedule is set as per the schedule's settings.

1 Double-click **Time Coverage** schedule window and then select a preset to set up the schedule time. Click **Add** or **Modify** to add a new preset or edit an existing preset.



- **Name:** Enter a name for the preset.
- **Color:** Click on the button and then select a color. Schedule's time section is displayed in the selected color on the schedule table.
- **Period:** Specify the schedule's period. Select Infinite to continue recording as per the condition, action, and target preset settings without a time limit.
- **Time:** Specify the schedule time.
- **Repeat/Repeat Period:** Specify the recording interval and its period. Video is recorded at the specified interval for the specified duration.

- 2 Double-click on the **Condition** schedule window and then select **Time Lapse**, **Event**, or **Pre-Event**. Click **Add** or **Modify** to add a new preset or edit an existing one. Enter a name for the preset and then select the desired conditions from the list.



Time Lapse Recording Condition Setup

Records based on pre-configured time conditions.



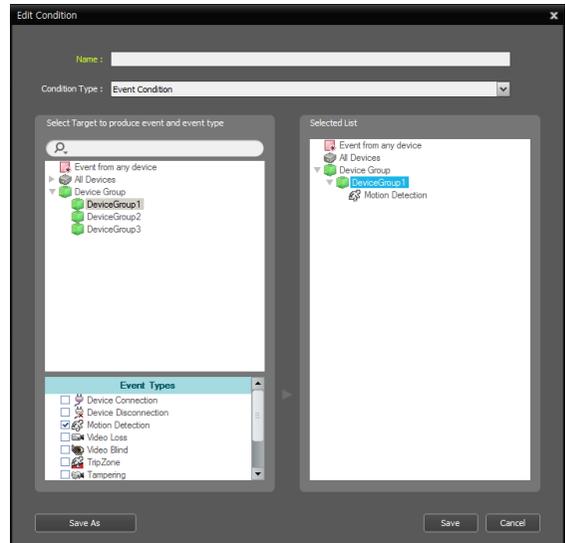
Enter a preset name, select **Time Condition** from the **Condition Type** list, and then click **Save**.

Event Recording Condition Setup

Records when a pre-configured event is detected.

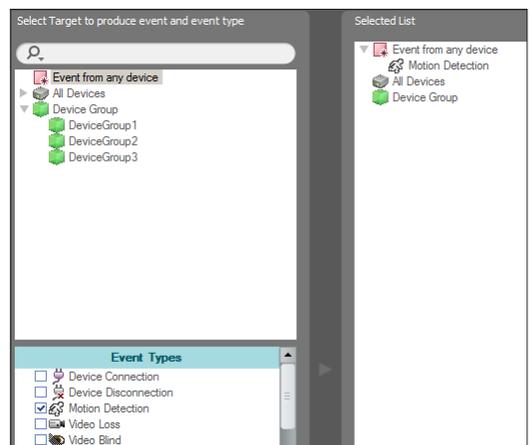


Enter a preset name, select **Event Condition** from the **Condition Type** list, and then click **Save**.



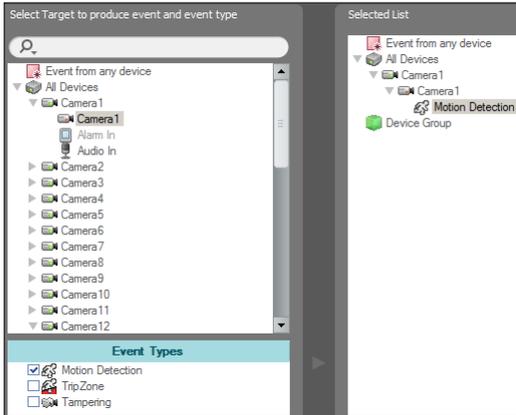
Enter a name for the preset, select an event condition from the condition type list, and then click save.

- **Name:** Enter a name for the preset.
- **Condition Type:** Select an **Event Condition**. Records when a specific event is detected at the device.
 - **Event from any device:** Records when a specified event is detected. Clicking **Event from any device** displays event types at the bottom. Select the desired event types to add them under the **Event from any device** list on the right.

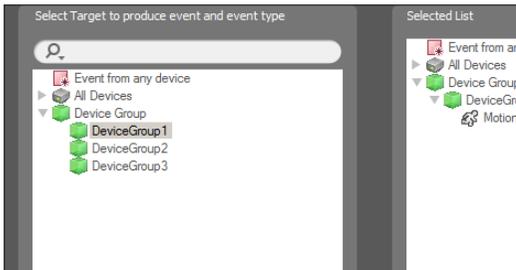


- **All Devices:** Records when a designated event is detected at a designated device or camera. Double-click **All Devices** to display a list of registered devices and cameras. From **All Devices**, click on a device or camera to monitor to display event types supported by the selected device or camera on the **Event Types** list. Select

the desired event types to add them along with the selected device or camera under the **Event from any device** list on the right.



- **Device Group:** Records when a designated event is detected at a designated device group. Double-click on **Device Group** to display registered device groups. From **Device Group**, click on a group to monitor to display the event types supported by the selected group on the **Event Types** list. Select the desired event types to add them along with the selected device group under the **Device Group** list on the right.



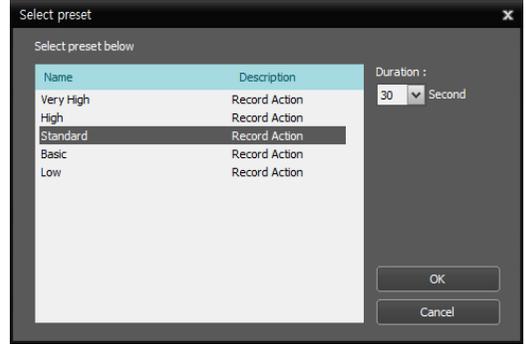
Pre-Event Recording Condition Setup

When a pre-configured event is detected, video from prior to the event detection is recorded.



Enter a preset name, select **Pre-Event Condition** from the **Condition Type** list, and then click **Save**.

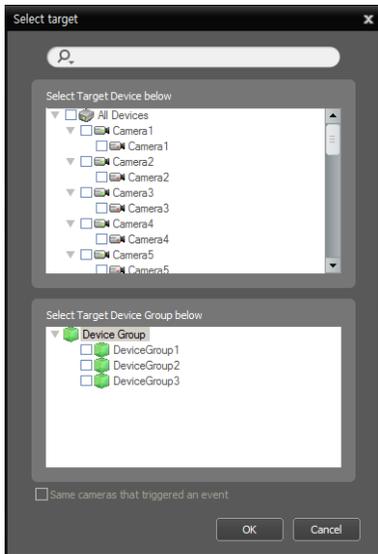
- 3 Double-click on the **Action** schedule window and select a preset. Each preset has been assigned with streaming (network cameras) or recording codec, resolution, recording speed, and picture quality (network video servers) settings.



- Streaming or settings of each preset differs from device to device. For more information, refer to the **Editing a Device on page 74**.
- You can specify up to 60 seconds of continuous recording when a pre-configured event is detected. With event recording, recording will take place for the specified duration after an event is detected. With pre-event recording, video from the specified duration prior to the event detection is recorded.
- Dwell time setup is not supported during Time Lapse recording.

- 4 Double-click the **Target** schedule window and then select a camera you wish to record. Select a camera you wish to record from the device list or select a device group from the device group list. Select **Same cameras that triggered an event option** to record video only from cameras that triggered the event (excluding alarm-in and audio detection events).

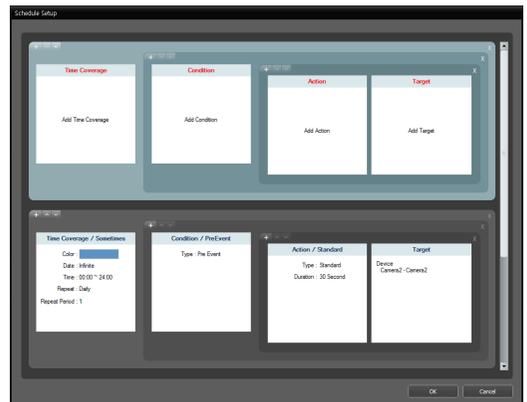
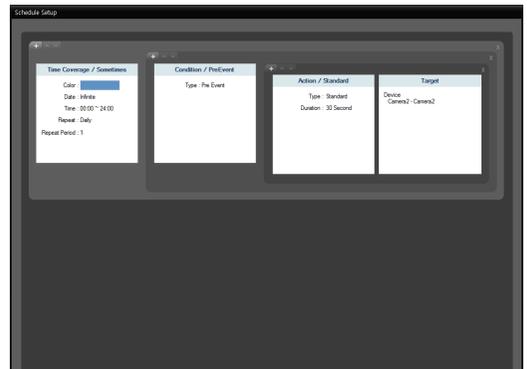
Same cameras that triggered an event option is not supported during Time Lapse or Pre-Event recording.



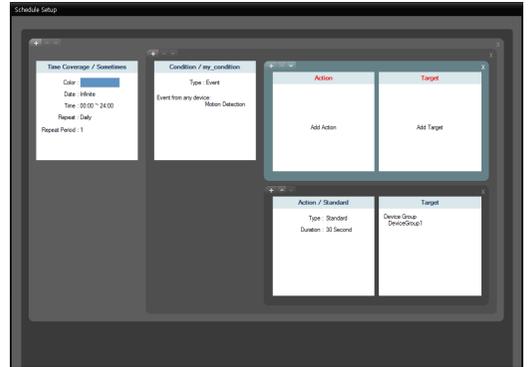
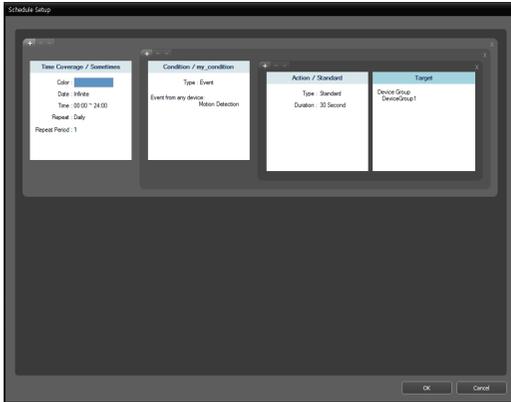
Recording Schedule Management

Add a New Schedule

- 1 Adding a new schedule with a different time range: On the **Time Coverage** schedule window, click **+** on the upper left corner to add a completely new schedule.

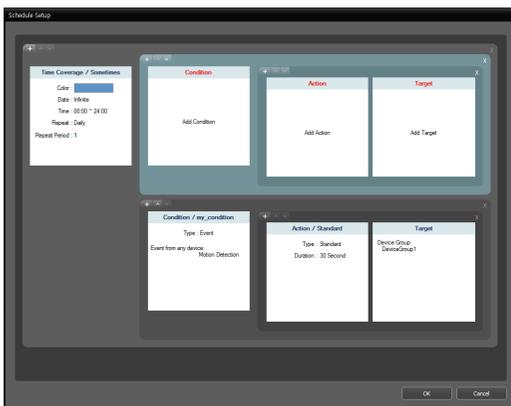


- 2 Adding a new schedule with the same time range: On the **Condition** schedule window, click **+** on the upper left corner to add a new schedule with the same time range.



Deleting a Schedule

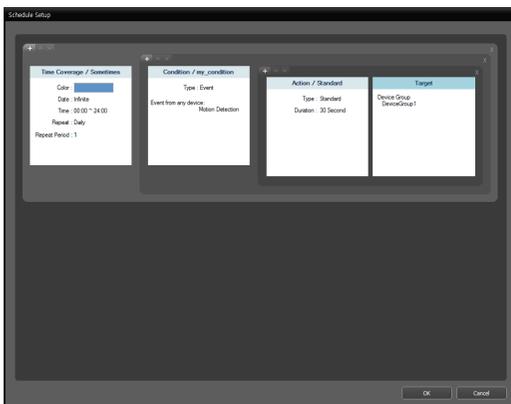
Click **X** on the upper right corner of each schedule window to delete the schedule.



Rearranging Schedules

Click **^** or **v** on the upper left corner of each schedule window to rearrange the order of the schedules. Schedules at the top of the **Schedule Setup** window apply first. However, Pre-Event recording schedules are not prioritized over Time Lapse and Event recording schedules.

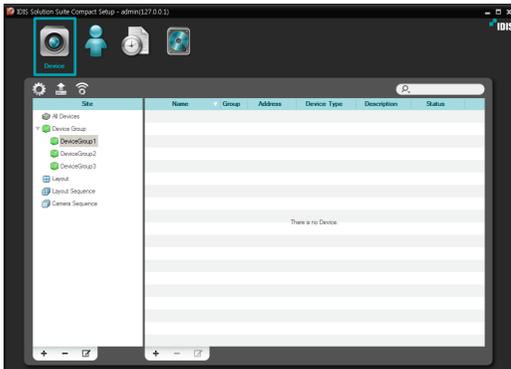
- 3 Adding a new schedule with the same time range and conditions: On the **Action** schedule window, click **+** on the upper left corner to add a new schedule with the same time range and conditions.



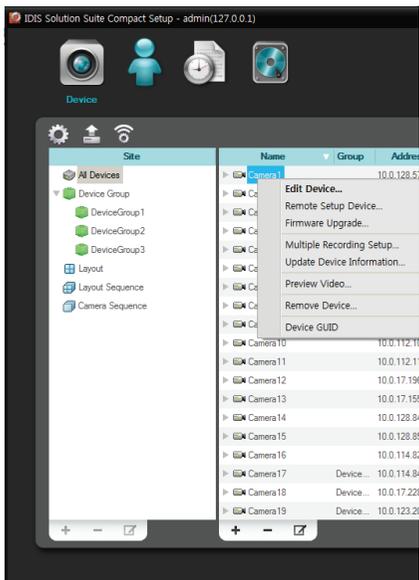
Instant Recording Setup

Recording is started or stopped manually while viewing live images during Instant recording.

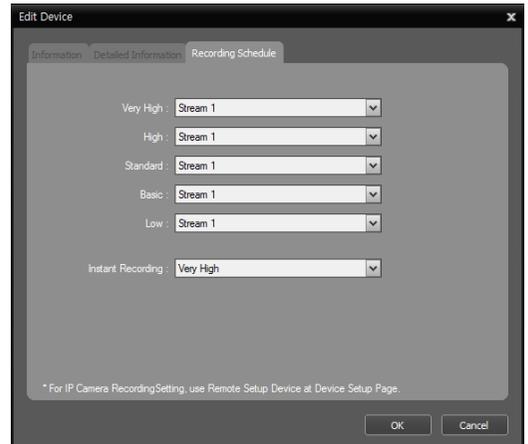
- 1 Select the **Device** option.



- 2 Select **Device Group** from the **Site** panel and then click **Device** on the Site List panel. To bring up the Device menu, right-click on the device or click on the button at the bottom of the Site List panel.



- 3 Select **Edit Device** from the device menu and then select the **Recording Schedule** tab.



- 4 Select a preset to use for Instant recording. For more information, refer to the [Editing a Device on page 74](#)

Using Instant Recording

- 1 Start the Client program.
- 2 On the Live screen, select a camera that shows the video you wish to record.
- 3 Click  (Instant Recording) button in the control toolbar on camera screen. Instant recording OSD (orange ) will appear on the top right corner of the selected camera screen, and recording will begin on the **Recording Schedule** tab as per the selected preset. To stop recording, click  (Instant Recording) button again.

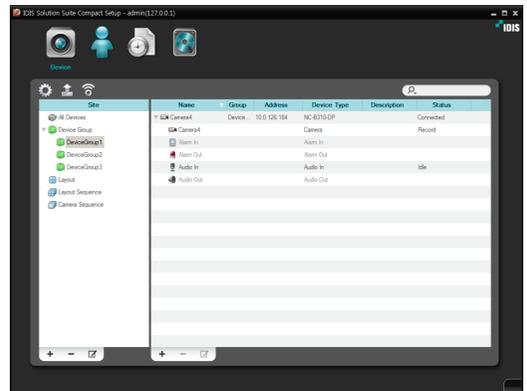


Load on the system can delay the recording. In this case, recording OSD may indicate a time later or longer than the time configured in the schedule.

Checking Recording Status

You can check the recording status from the **Device** menu.

- 1 From the **Site** panel, click **All Devices** to load all registered devices on to the Site List panel.
- 2 Click on the arrow (▼ ) next to a device name to check its status.
 - **Record:** When Time Lapse or Event recording is in progress.
 - **Instant Recording:** When Instant Recording is in progress.
 - **Idle:** Standing by to record.



On the Client program's Live screen, Time Lapse or Event recording OSD (red ) is shown on the upper right corner of the concerned camera screen.

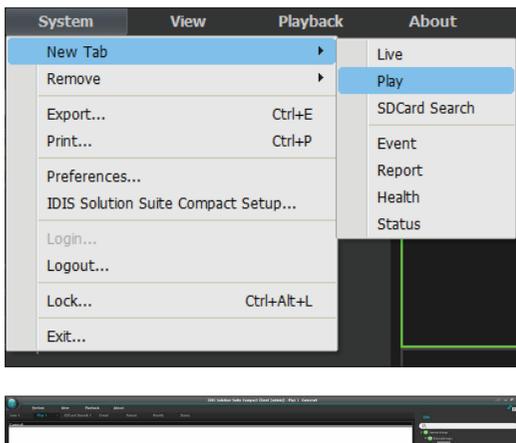


Play

Search for video recordings and then play them back or save them as video files on a USB storage device. In order to play back video recordings, services must be running on the system, devices must have been added to device groups, and recorded data must be present in the allocated storage space.

Recorded Video Playback

- 1 Playing back video recordings stored on the IDIS Solution Suite Compact system and saving them as video files are supported from up to two Play panels. Playing back video recordings stored on an SD (SDHC) memory card inserted into a network camera and saving them as video files are supported from up to two SDCard Search panels. If a Play tab doesn't exist in the panel tabs, you can add them by selecting **New Tab** in the **System** menu and clicking **Play**.



- 2 Select the **Play** or **SDCard Search** tab from the panel tabs.
- 3 Select a site from the **Site** list and drag & drop on top of the Play or SDCard Search screen to display images from the selected site.

- You can select and move a camera playback to a desired position on the Play or SDCard Search screen without pausing playback by selecting the camera being played and moving it using drag & drop with your mouse.

- 4 If a layout is registered, you can select a desired layout from the Layout list and drag & drop on the Play screen to play videos using the selected layout.



- Monitoring or playing 2 or more camera videos with resolutions higher than 1280x720 may cause the performance of IDIS Solution Suite Compact system to drop significantly.
- 5 You can play recorded videos using Panel Toolbar, Timetable, Control Toolbar and Screen Menu.

Panel Toolbar

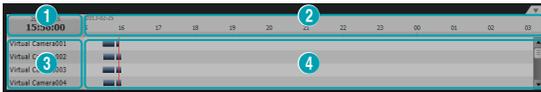
Video recording can be played and searched using the toolbar at the bottom of the panel.



- (Event Search/Time-lapse Search): Switch search modes between Event Search and Time-lapse Search.
- (Search Condition): Set search criteria for Event Search.
- (Calendar): Search videos from specific dates. When a date is selected, recorded data of the selected dates are displayed on the timetable. Dates that have video recordings are activated.
- (Time Shift): Search videos from a specific time.
 - **Move Time:** When the time setting window appears, enter the desired time of the video recording to go to the entered time.
 - **Move First:** Go to the first video among the recorded data on the timetable.
 - **Move Last:** Go to the last video among the recorded data on the timetable.
- (Other Menus): Show menu.
 - **Save Still Image:** Saves the current frame of the video on the screen as a image file in actual size.
 - **Export/print image:** Save or print current image on the screen.
 - **Export Panorama Screen:** Save current image on the screen.
 - **Removed Recording Devices:** If video recording from a device is stored on the IDIS Solution Suite Compact system but the concerned device has been removed from the IDIS Solution Suite Compact system, you can search for the removed device and then search for the video recordings saved from that device before it was removed.
- (Export Video File): Save video recording as a proprietary viewer file(.exe) or an AVI file(.avi).
- (Snapshot on Motion Event): Shows still images of videos recorded during Event in the Play panel.
- (Incremental playback): Skips to previous or next video by frame or time. Skip increments can be adjusted by pressing the arrow between and .
- (Play): Plays the video currently shown on the screen.
- (Jog shuttle): Adjust the playback method and speed. Jog shuttle's vertical indicator indicates the current playback direction and speed. Video is played backwards if the vertical line is to the left of the center and forwards if the line is to the right of the center. Playback speed increases the farther the line is from the center. Click and drag the vertical line to the desired position on the jog shuttle and keep holding down the mouse button to play back the video at the corresponding speed. Release the mouse button to return the vertical line to the center. Click (Play) to play the video at normal speed. Clicking the (Lock) button and dragging the vertical indicator fixates the vertical indicator in the new position.
- (Save to User Layout): Saves current screen layout.
- (Screen Format): Change layout. Various layouts can be selected by clicking button. You can switch to previous or next camera group by clicking or .

Timetable/Event List

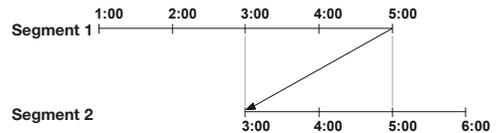
- **Time Lapse Search Mode:** In Time-lapse Search Mode, timetable at the bottom of the screen shows recording information of each camera. When the ▲ at the upper right corner of the timetable is clicked, recording information of all cameras on the Play screen are shown. If the ▼ is clicked, only the recording information of cameras selected in the Play screen are shown.



1	Date/time of video playing	Shows time and date of current playback on the timetable.
2	Recording Time	Shows the date and timeframe of the video recording. To move to previous or following date and time, click anywhere and drag left or right. Timeframe can be magnified by moving the scroll wheel while holding down the Ctrl key on the keyboard.
3	Camera Title	Shows the camera's title.
4	Recorded data	<p>Indicates recorded data in minutes.</p> <ul style="list-style-type: none"> • Red vertical indicator: Shows time and date of current playback on the timetable. Click on a desired time, and the first video recording of the selected time is played. • Yellow separator: Separates segment where time overlap has occurred. In this case, the data shown on the right-hand side of the timetable is newer data. Click the  (Calendar) on the Play panel to go to a desired segment. • Bar color: Shows the recording mode.

Blue		Time Lapse Recording
Purple		Event Recording
Yellow		Pre-Event Recording
Red		Instant Recording
Green		Faulty recording due to a temporary disruption in device connection.

- ☑ If the clock of the IDIS Solution Suite Compact system is changed to a point in the past, overlapping recordings may be produced, which is where more than one recording exists at the same point in time. In this case, overlapped recordings have to be played as separate segments. For example, making a recording from 1 o'clock to 5 o'clock, changing the system's clock at 5 o'clock to 3 o'clock, and then continuing to record until 6 o'clock produces two recordings that overlap between 3 o'clock and 5 o'clock. This results in two segments for the period between 3 and 5.



- **Event Search Mode:** In Event Search Mode, event list is displayed at the bottom of the screen.
 - **Play Panel:** Only the videos recorded in Event recording mode are searched.
 - **SDCard Search Panel:** Only the events that occurred while SD (SDHC) Memory Card Recording feature is enabled can be searched. Click on an event from the list to display the corresponding event and the linked video recording on the screen. To see the following matches, click  at the upper right corner of the event list.



Control toolbar

Select a camera screen and place the cursor over the subject camera screen to bring up control toolbar. Place the cursor over each button to view tooltips for the button.

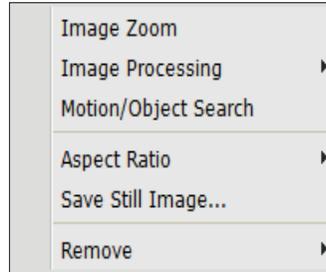


-  (Motion/Object Search): Search video recordings stored on the IDIS Solution Suite Compact system for object movements or motion.
-  (Image Zoom): Magnifies the current video.
-  (Color Control) : Adjust the brightness, contrast, saturation and color of the current video. Click  to cancel all changes and restore image to original.
-  (Image Effect): Applies image effects.
-  (Play Audio): If audio is recorded, the recorded audio is played with the video upon playback.

Only supports 1x1 layout.

Play screen menu

Select a camera screen and right-click to bring up the screen menu.



- **Image Zoom:** Functions identically clicking to the corresponding buttons in control toolbar.
- **Motion/Object Search:** Search video recordings stored on the IDIS Solution Suite Compact system for object movements or motion.
- **Image Processing:** Corrects the playback image.
- **Aspect Ratio:** Sets the aspect ratio of video output.

- **Fit to Screen:** Resizes video to camera screen regardless of original aspect ratio.
- **Fit to screen (Aspect ratio):** Resizes video to camera screen while maintaining original aspect ratio.

Left and right part of the video may be cropped depending on size of camera screen. When using Zoom, camera screen aspect ratios do not apply and **Original Ratio** is applied.

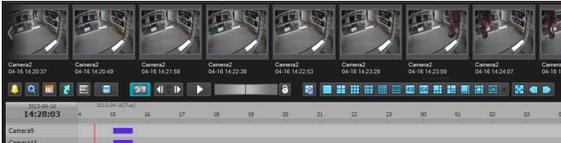
- **Original Ratio:** Resizes camera screen to original aspect ratio of the video.
- **Half Size (x0.5) - Quadruple Size (x4):** Displays the camera videos in the selected size based on the original size of the video.

The menu is activated only when there is sufficient space to display the camera video in the selected size.

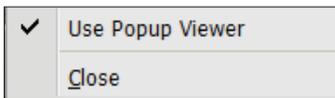
- **Save Still Image:** Saves the current frame of the video on the screen as a image file in actual size.
- **Remove:** Terminates connection.

Motion Event Freeze-Frame

When  (Motion Event Freeze-frame) is clicked in the Panel Toolbar, still images of videos recorded during Event Record Dwell (Event and pre-event) are shown in the Play panel.



Recording information of the selected freeze-frame is displayed on the timetable. When user clicks anywhere on the recorded data on the time table, a freeze-frame image of the selected time is shown. Placing the mouse cursor over the freeze-frame brings up a popup viewer screen above the freeze-frame.



- **Use Popup Viewer:** Supports popup viewer screen.

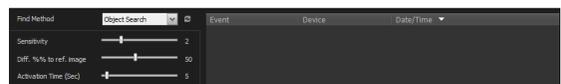
Object/Motion Search

Click Control Toolbar's  (Object/Motion Search) button to load the Object/Motion Search panel on the bottom and search video recordings stored on the IDIS Solution Suite Compact system for object movements or motion.



-  (Draw Search Zone): Set the area of the camera screen for detecting object or motion changes by dragging the mouse.
-  (Erase Search Zone): Deletes the search area on the camera screen by dragging the mouse.
-  (Set Ref. Image): Sets current image in the camera screen as a reference image for detecting object changes.
-  (View Ref. Image): Shows or hides reference image as PIP screen.

- Setting and viewing reference images only apply to object searches.



- **Find Method:** Choose a scan method.
 - **Motion search:** Compares two consecutive video recordings and detects the recording that shows changes in the search area. (e.g.: if a motion is detected)

- **Object search:** Compares changes in the search area to the reference image and finds videos where the change occurs and maintains until activation time. (e.g.: if an object is missing)
- **Sensitivity:** Set the sensitivity for detecting changes. Higher values will result in more sensitive detection.
- **Num of diff. block:** Select the minimum block for detecting changes. The change must be bigger than the defined number of blocks to be considered as a change.

Only applies to motion search.

- **Diff. to ref. image:** Select the minimum ratio for detecting changes. The change must be bigger than the defined change ratio to be considered as a change.

Only applies to object search.

- **Activation time (Sec):** Set the duration that the change must persist to be considered as a valid change when detecting changes. A detections that do not last for the specified duration of time will not be considered as a change.

Zoom In

Press  (Zoom in) in the control toolbar to zoom in on the current video.



-  (Slider): Adjust magnification. Magnification can also be adjusted using the mouse scroll wheel.
-  (Actual Size Zoom): Enters Zoom to Actual Size mode. In Zoom to Actual Size mode, the actual size of the video is displayed regardless of the size of camera screen or magnification.
-  (Zoom Finder): Shows or hides PIP screen. The square of PIP screen displays the zoomed area.

PIP stands for Picture in Picture, and it refers to the small screen displayed within the bigger screen.

Image effect

Click on  (Image Effect) button in the control toolbar to bring up image effect control toolbar. The buttons on the image effect toolbar can be used to apply image effects.



-  (Blur): Softens the image.
-  (Sharpen): Sharpens the image.
-  (High-Boost): Enhance image clarity by increasing brightness and sharpness.
-  (Histogram Equalization) : Makes image more natural by adjusting brightness.
-  (Edge Detection): Detect outline in the image.
-  (Revert): Cancel all changes and restore image to original.

Save as Video

Save video recordings as video files on a USB storage device. Click on the  (Save Video) in the Toolbar at the bottom of the Play Panel to bring up Save Video menu.

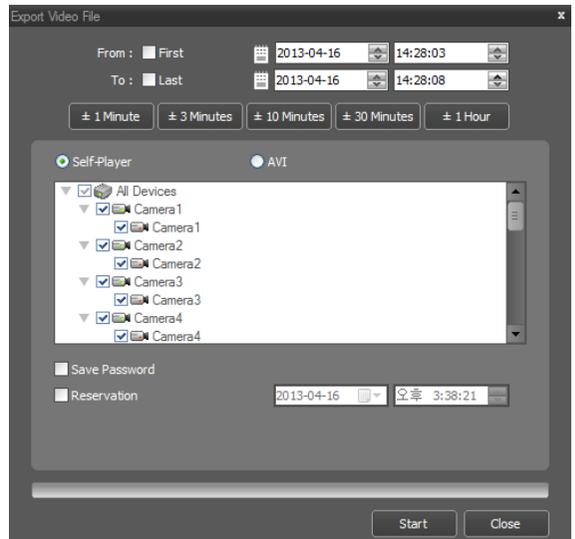


- **A-B Export Video File:** Specify which section of the video to save as a video file using the timetable. Select **A-B Export Video File** in the Save Video menu. On the timetable, drag the mouse from the starting point to the end point of the section you wish to save. When **Export Video File** window appears, the video for the selected section can be saved as an proprietary view file (.exe) or an AVI file (.avi).
- **Export Video File:** Set the section of the video you wish to save by manually entering the start and end points. Select **A-B Export Video File** in the Save Video menu. When **Export Video File** window appears, the video for the selected section can be saved as an proprietary view file (.exe) or an AVI file (.avi).

- **Reserved Self-Player:** The status of reserved video save can be checked in real time. Select Site in the Reservation List and click Start Immediately, Delete buttons to use this function. Status of reserved save as video tasks can be refreshed by clicking Refresh.

Save as a Self-Player File

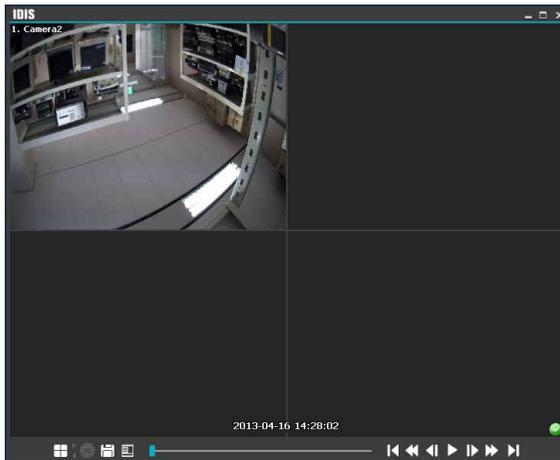
Saves video recording as a proprietary view file(.exe).



- **From/To:** Enter the date and time of the recording you wish to save as video.
 - **First:** Sets date and time of the first video as the start point.
 - **Last:** Sets date and time of the last video as the end point.
 - **± 1 Minute, ± 3 Minute, ± 10 Minute, ± 30 Minute, ± 1 Hour:** Adds or subtracts the amount of time from the time currently selected on the timetable.
- **Self-Player, AVI:** Select **Self-Player**.
- **Save Password:** Set a password for playing the video. When a password is set, the viewer program asks for password when ran.
- **Reservation** Checkbox and Date & Time Designation Controls: The save video function can be reserved. When a reservation period is set, the video is saved at the reserved time.

File playback using Self-Player

Because Self-Player files include its own player (IDIS player), there is no need to install additional software for playback. When the file is double-clicked, the player is ran automatically and the video is displayed on the screen. The scroll bar at the bottom of the player can be used to jump to a specific point of time in the video. Click  to exit the player.



• **Play Tab:**

	Go to beginning		Rewind
	Rewind by frame		Play at normal speed
	Play by frame		Fast Forward
	Go to end		

-  : If current layout includes a video stored in the previous camera group, the panel switches to the previous camera group.
-  : Changes layout in the order of 4 → 8 → 9 → 16 → 20 → 25 → 1+32.
-  : If current layout includes a video stored in the next camera group, the panel switches to the next camera group.

-  : Properties of player can be set.



- **Print:** Prints current image.
- **Frame Info:** Shows information about the current image, including the screen number, camera title, time of recording, recording mode, file size and resolution.
- **Image Processing:** Adjust brightness or apply image filters such as **Soften** or **Sharpen**.

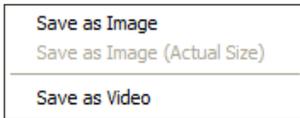
Only supports 1x1 layout.

- **Play Speed Control:** Changes speed of **Play** and **Fast Forward/Rewind**.
- **Drawing Mode:** Select drawing mode. If the screen is not displayed correctly or not displayed at all, the problem can be resolved by changing drawing mode.
- **Screen Size:** Select screen size of the player.
- **Aspect Ratio:** Change the aspect ratio of the video displayed on the screen.
- **OSD Setup...:** Configures OSD displayed on the screen.
- **Enable Audio:** If audio was recorded with the video, enabling this option plays audio upon playback.

Only supports 1x1 layout.

- **Anti-Aliasing Screen:** Removes stair step (block) artifacts in magnified videos upon playback. If the playback is slow due to insufficient processing power of the PC's CPU, disabling the Anti-Aliasing Screen option can improve overall speed.

- : Save the current image.



- **Save as image:** Save current screen as image file.
- **Save as image (Actual size):** Save current screen as image file in actual size.



- **Save as Video:** Save specific part of the video as AVI file(.avi).

- : Magnifies or shows screen in actual size. When magnified, you can click on the magnified screen and move the cursor to determine the position of the magnified screen.



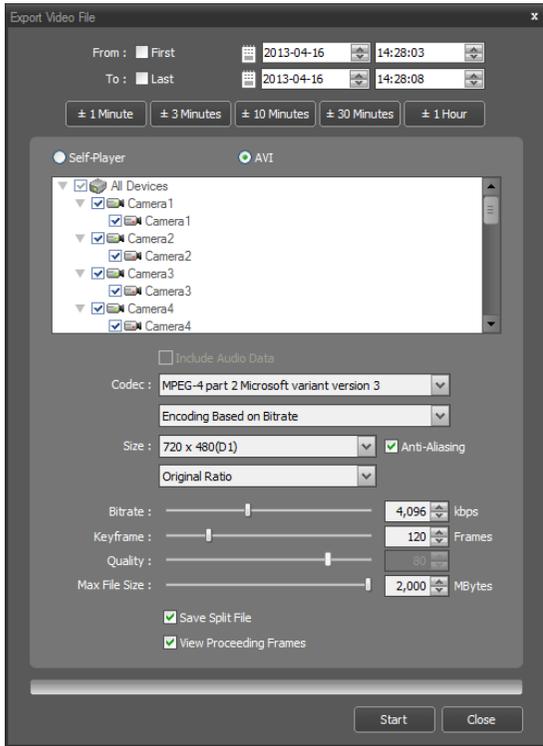
- : Shows screen in full screen.
- , : Displayed at the lower right corner of the player. When it is confirmed that the video has not been altered, the  icon is displayed. If the video has been altered,  icon is displayed and playback is stopped.



- The minimum CPU requirement for running the player is 800MHz Pentium III (Intel Pentium Dual Core 2.2GHz recommended). If the CPU does not provide sufficient processing power, it may lower playback speed of high resolution recordings and high-speed recordings. Also, DirectX 9.0 or later is required for running the program and a VGA card with 16 MB or more VRAM is recommended.
- The video may not be displayed on the screen correctly depending on the PC's display settings. In such case, right-click on the desktop, go to **Display Properties** → **Settings** tab, select **32-bit** as **Color Quality**. Then, select **Advanced**, go to Troubleshooting tab, and set **Hardware Acceleration** as **Max**. If the problem persists, click **Start** → **Run**, type in **dxdiag** and press Enter. In the DirectX diagnostics tool window, confirm that the DirectX version is 9.0 or higher. In the same window, go to Display tab and make sure that **DirectDraw** Acceleration is set as **On**. If running Microsoft® Windows® XP, test the settings by pressing the DirectDraw test button. Check the driver version of the VGA card. If it is not the latest version, update it with the latest version of the driver. If the problem persists after all of the attempts above, switching the PC's VGA card is recommended. VGA cards that use ATI chipsets are recommended for.

Save as AVI File

Saves video recording as AVI file(.avi).



- **From, To:** Enter the date and time of the recording you wish to save as video.
 - **First:** Sets date and time of the first video as the start point.
 - **Last:** Sets date and time of the last video as the end point.
- **± 1 Minute, ± 3 Minutes, ± 10 Minutes, ± 30 Minute, ± 1 Hour:** Adds or subtracts the amount of time from the time currently selected on the timetable.
- **Self-Player, AVI:** Select **AVI**.
- **Include Audio Data:** Only a single channel is supported if the video was saved with audio.

If the video is recorded at a size smaller than 1fps, saving audio may not be successful.

- **Codec/Bitrate/Quality:** Set the appropriate value for video compression.
 - **Encoding Based on Bitrate:** Encodes video based on bitrate.
 - **Encoding Based on Video Quality:** Encodes video based on video quality.
- **Size:** Enter the resolution for the compressed video, then select aspect ratio.
 - **Original Ratio:** Resizes camera screen to original aspect ratio of the video.
 - **Fit to Screen:** Resizes video to camera screen regardless of original aspect ratio.
 - **Fit to Screen(Aspect ratio):** Resizes video to camera screen while maintaining original aspect ratio.

Left and right part of the video may be cropped depending on size of camera screen. When using Zoom, camera screen aspect ratios do not apply and **Original Ratio** is applied.

- **Anti-Aliasing:** Removes stair step effect (blocks) that are caused when zooming a video to improve overall quality of video output.
- **Keyframe:** Set the interval of key frames for video compression.
- **Max File Size:** Set the maximum size of the file.
- **Save Split File:** If the file size of the saved recording exceeds **Max File Size**, the video is saved into multiple files while not exceeding the maximum file size.
 - If Divide Files is not enabled, output file will be limited to the maximum file size.
- **View Preceding Frames:** Shows the current frame being saved in a popup screen while saving.

AVI File Playback

The AVI file can be played by using a video player.

If the codec for the compression method used to save the AVI is not installed on the PC, the subject codec must be installed manually.

Event Handling

The video of the camera in which event is detected can be monitored live. If the event detection video is recorded, the video recording can be played.

Live Events

Event		
Event	Device	Time
Camera2	Camera2	04-16 15:30:54
Camera2	Camera2	04-16 15:30:22
Camera2	Camera2	04-16 15:29:58
Camera17	Camera17	04-16 15:29:58
Camera17	Camera17	04-16 15:29:46
Camera2	Camera2	04-16 15:28:55
Camera17	Camera17	04-16 15:28:12
Camera2	Camera2	04-16 15:28:04
Camera17	Camera17	04-16 15:27:54
Camera2	Camera2	04-16 15:27:49
Camera17	Camera17	04-16 15:27:44
Camera2	Camera2	04-16 15:27:32
Camera17	Camera17	04-16 15:27:19
Camera17	Camera17	04-16 15:26:48
Camera17	Camera17	04-16 15:26:30
Camera2	Camera2	04-16 15:26:06
Camera2	Camera2	04-16 15:25:47
Camera2	Camera2	04-16 15:24:29
Camera2	Camera2	04-16 15:24:10
Camera2	Camera2	04-16 15:23:39
Camera2	Camera2	04-16 15:23:21
Camera2	Camera2	04-16 15:23:00
Camera2	Camera2	04-16 15:22:33
Camera2	Camera2	04-16 15:22:14
Camera2	Camera2	04-16 15:22:07
Camera2	Camera2	04-16 15:21:34
Camera2	Camera2	04-16 15:21:25
Camera2	Camera2	04-16 15:21:14
Camera2	Camera2	04-16 15:20:49
Camera2	Camera2	04-16 15:20:28
Camera17	Camera17	04-16 15:19:38

If a live event or callback event is detected on a registered device, the subject event is displayed on the Event List.

- Live event is displayed while viewing video only.
- Callback event is displayed only when the callback feature has been enabled on the device. Event list indication options can be changed in **Menu > Preference**. For more information, [refer to the Client on page 24](#).

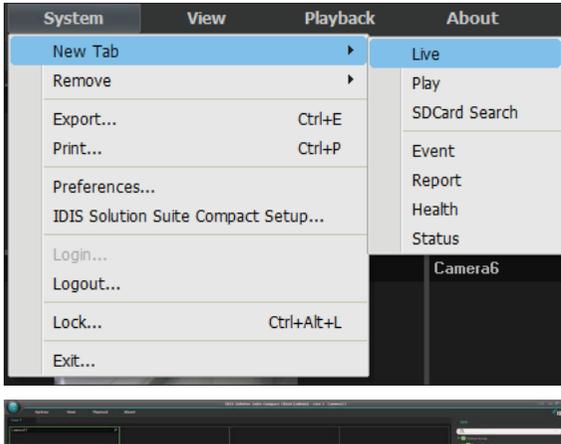
Event Icons Indicated on the Event list

	Motion Detection		Video blind
	Video loss		Audio Detection
	Trip zone		Tampering
	Activate/Deactivate alarm-in detection		Alarm-in error/no error
	System boot		System Action
	Restart		System shutdown
	External storage inserted/removed		Connected/disconnected to device

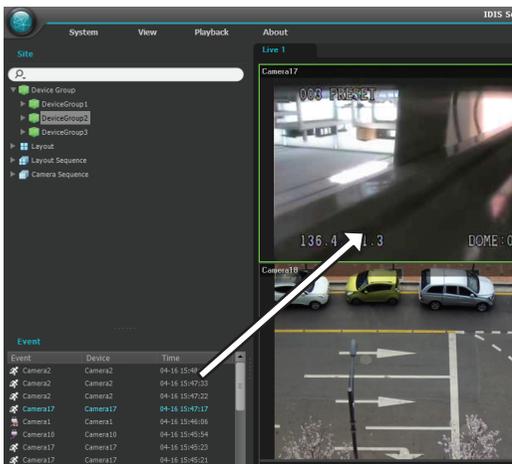
- Certain event icons may not be supported depending on device's specifications and version.

Live Video

Monitoring live video from event detection cameras are supported on up to 4 Live panels. If a Live tab doesn't exist in the panel tabs, you can add them by selecting **New Tab** in the **System** menu and clicking **Live**.

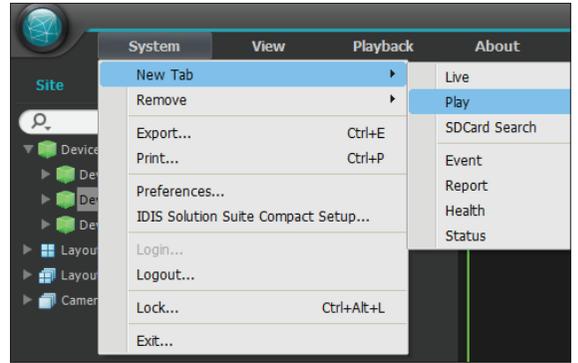


- 1 In the panel tabs, click the Live tab.
- 2 In the Live Event list, select an event you wish to monitor. Then, drag & drop the selected event on the Live screen using your mouse. The live video of the camera in which selected event was detected will be displayed on the screen.

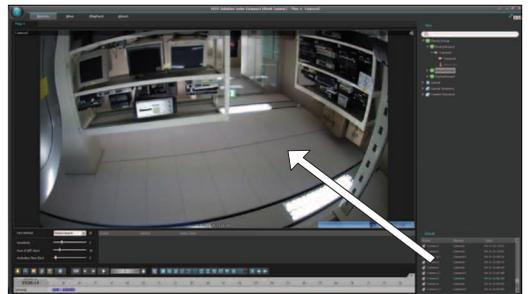


Video Playback

Playback of recorded event videos is supported in the Play panel. If a Play tab doesn't exist in the panel tabs, you can add them by selecting **New Tab** in the **System** menu and clicking **Play**.



- 1 In the panel tabs, click the Play tab.
- 2 In the Live Event list, select an event you wish to monitor. Then, drag & drop the selected event on the Play screen using your mouse. The recorded video of the selected event will be displayed on the screen.



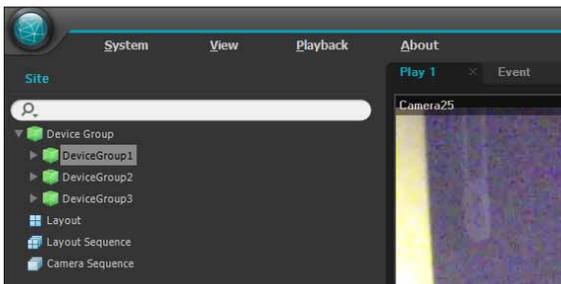
Recorded Event Video

Play back recorded event video. Playback of recorded event videos is supported in the Event panel. If an Event tab doesn't exist in the panel tabs, you can add them by selecting **New Tab** in the **System** menu and clicking **Event**.

- 1 In the panel tabs, click the Event tab.
- 2 In the Site list, select a device or camera. Then, drag & drop the selected device or camera on the Event panel using your mouse. When an Event recording takes place on the selected device or camera, recorded event list is shown on the Event panel.
- 3 Right-click on the column data to bring up a menu, which can be used to categorize the data to your preference.



On the Event panel, double-click on an event to load the Play panel and display the corresponding Event video on the Play screen. Select an event and right-click to select a Play panel. If recording was triggered on other cameras by the selected event, recordings from those cameras will also be shown.



Event Toolbar

Events recorded during Event recording can be searched by using the toolbar at the bottom of the panel.



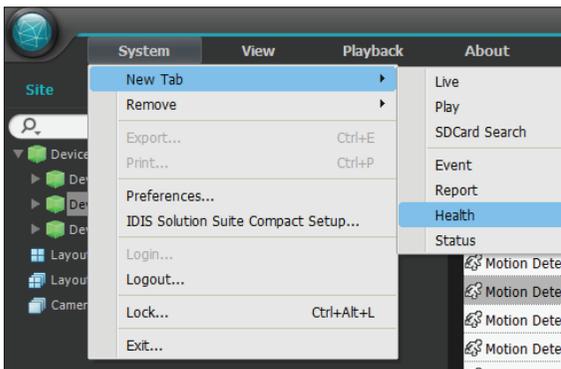
- **From, To:** Set the date and time of the events to search for. Enter a specific date and time or select **First** or **Last** options.
- Click the **1 Hour, 6 Hour, Today, 3 Days** or **1 Week** buttons to adjust the **From** and **To** by the amount of time that corresponds to each button.
- Selecting the **First** or **Last** options will search every log from the oldest to the most recent.
- (Condition): Select the type of event to search for.
- (Search): Begin search according to the search criteria.
- (Full Screen): Shows the Event Panel in full screen.
- (Save): Saves the search results as a text file(.txt) or a CSV file (.csv).
- (Print): Print the search result.
- **More:** Shows next results.

Status Monitoring

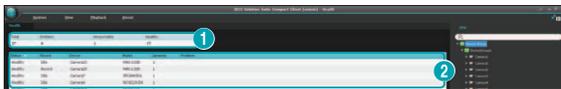
The system status of registered devices and device statuses can be monitored live.

System Status Monitoring

System status monitoring is supported in the Status panel. If a Health tab doesn't exist in the panel tabs, you can add them by selecting **New Tab** in the **System** menu and clicking **Health**.



Once Status tab is added, the status monitoring results are automatically displayed.



- ① **Summarized List:** Summarizes status of all devices added to the device group.
 - **Total:** Shows the total number of devices added to all device groups.
 - **Problem:** Shows the number of malfunctioning devices.
 - **Unreachable:** Shows the number of disconnected devices.
 - **Healthy:** Shows the number of devices that are operational without malfunctions.

- ② **Detailed List:** Shows the status of each device in detail.

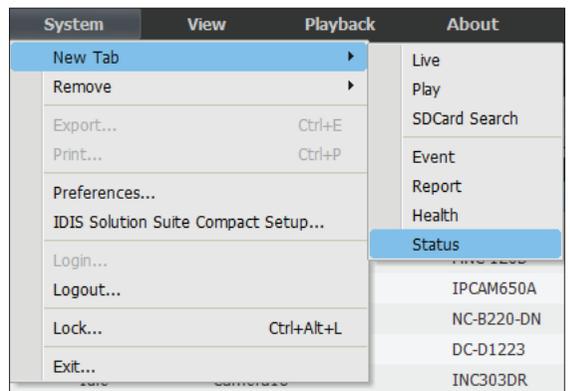
- **Status:** Shows status.

Healthy	No malfunctions have been detected.
Problem	Video loss. Login failure due to absence of event detection or a connectable screen or due to an unsupported software version.
Unreachable	Device is not connected.

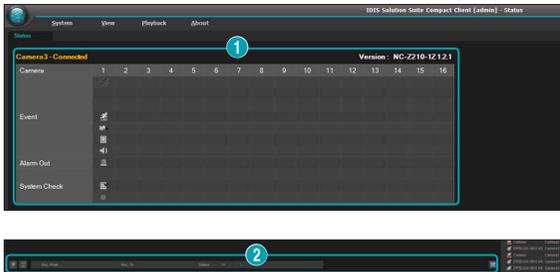
- **Device:** Shows name of the device.
- **Model:** Shows the device's model.
- **Camera:** Shows the number of cameras supported by the device.
- **Problem:** Shows the cause of the malfunction.

Device Status Monitoring

Device status monitoring is supported in the Device Status Panel. If a Status tab doesn't exist in the panel tabs, you can add them by selecting **New Tab** in the **System** menu and clicking **Status**.



In the **Site** list, select a device and then drag & drop it on the Status panel to see the device's status.



- ① **Status Indicator Window:** Shows the status using icons.
- **Camera:** Shows camera number
 - **Version:** Shows system version.
 - **Event:** Shows event detection status. Colored event icon indicates that an event was detected. When the cursor is placed over the icon, the type of the subject event is shown in tooltips.
 - **Alarm Out:** Shows Alarm-out status.
 - **System Check:** Shows status of device and recording function.

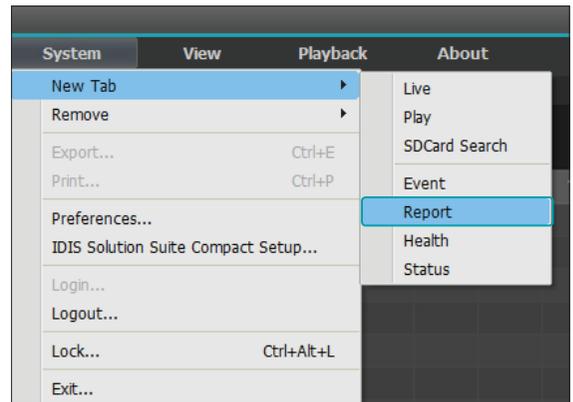
② **Function Buttons**

- (Disconnect): Disconnects current connections in the Device Status Panel.
- **Rec. From/Rec. To:** Shows recording period.
- **Status:** Shows device's recording, playback, backup and clip copy statuses.
- (Full screen): Shows the Device Status Panel in full screen.

Log search

Searches the log of IDIS Solution Suite Compact program and devices.

Log search is supported in the Report Panel. If a Report tab doesn't exist in the panel tabs, you can add them by selecting **New Tab** in the **System** menu and clicking **Report** and display various log lists.



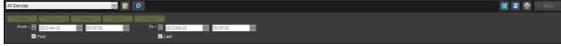
Select the type of log to search in the log type list. Right-click on the column data to bring up a menu, which can be used to categorize the data to your preference.

- **User Log:** Shows Client program's log.
- **Health Log:** Shows the system status log of registered devices.
- **Admin Service Log:** Shows maintenance service log.
- **Recording Service Log:** Shows recording service log.
- **Monitoring Service Log:** Shows monitoring service log.
- **Device System Log:** Shows device's system log.
- **Device Event Log:** Shows device's event log. Only displays events that occurred while SD (SDHC) memory card recording feature has been enabled.

- Network disconnect log is shown if the device is not connected properly. For more details, refer to **Network Disconnect Log on page 82.**

Report toolbar

The specific logs can be searched by using the toolbar at the bottom of the panel.

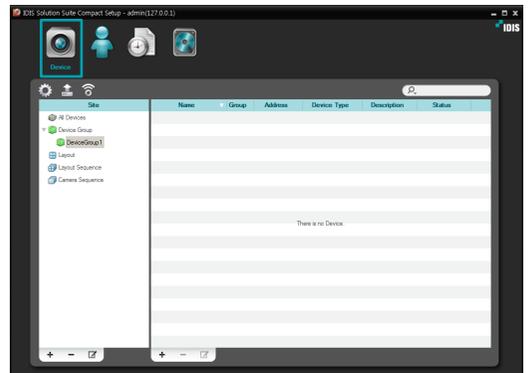


- **From, To:** Set the date and time of the logs to search for. Enter a specific date and time or select **First** or **Last** options.
- Click the **1 Hour**, **6 Hour**, **Today**, **3 Days** or **1 Week** buttons to adjust the **From** and **To** by the amount of time that corresponds to each button.
 - Selecting the **First** or **Last** options will search every log from the oldest to the most recent.
- (Condition): Select the type of log to search for.
- (Search): Begin search according to the search criteria.
- (Full Screen): Shows the Report Panel in full screen.
- (Save): Saves the search results as a text file(.txt) or a CSV file (.csv).
- System and service logs can be saved as password-protected HTML files (.html). Password must be entered to view HTML files.
- (Print): Print the search result.
- **More:** Shows next results.

Devices Management

Modify properties or delete a device from the list. In addition, you can remotely change the device's settings or upgrade the device's software.

- 1 Go to **Start > IDIS Solution Suite Compact > IDIS Solution Suite Compact Client** and log in.
- 2 Select the **Device** option.

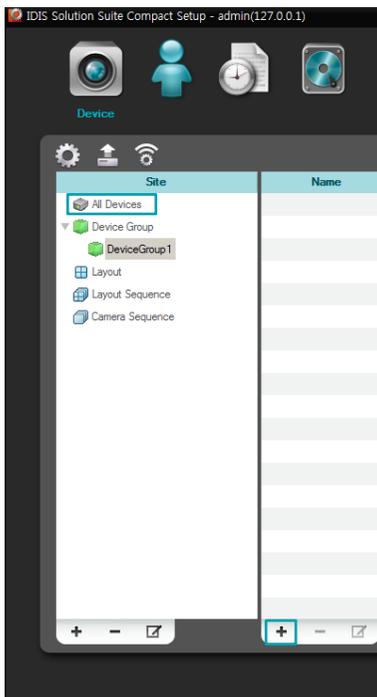


- **All Devices:** Displays a list of all devices registered to the IDIS Solution Suite Compact system. If a device is removed from All Devices, data recorded on that device prior to the removal cannot be searched or played back even if the same device is registered again.
- **Device Group:** Shows a list of registered device groups. Monitor a camera or play back its recordings. In order to execute the function using the IDIS Solution Suite Compact program, the device must be registered to the IDIS Solution Suite Compact system and that device must be added to the device group.
- **Layout:** Shows a list of registered layouts. Videos from multiple cameras can be monitored or played back using a predefined layout. For more information, refer to the **Layout Monitoring on page 36**.
- **Layout Sequence:** Shows a list of registered layout sequences. Videos from multiple cameras can be monitored sequentially using two or more a predefined layout. For more information, refer to the **Layout Sequence on page 37**.

- **Camera Sequence:** Shows a list of registered camera sequences. Videos from multiple cameras can be monitored sequentially on the same camera screen. For more information, refer to the **Camera Sequence on page 39**.

Device Registration

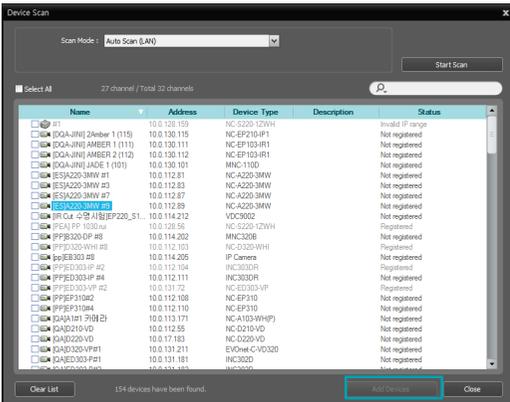
- 1 On the **Site** panel, click on **All Devices**, then click on the **+** button at the bottom of the Site List panel on the right. A **Device Scan** window will appear on the screen.



- **Scan Mode:** After selecting a scan mode, click on **Start Scan** button and the scan results will be displayed on the list. If the IP address range of the device is different from the IP address range of IDIS Solution Suite Compact System, the IP address of the subject device will be considered invalid by IDIS Solution Suite Compact. In this case, the device's IP address must be changed before registering it to the system.
 - **Auto Scan (LAN):** Shows the list of devices within the LAN.
 - **IP Address:** Enter the device's IP address. When registering multiple devices, you can enter a range of IP addresses to scan for multiple devices at once. When setting up network connections on the device, it is recommended that you disable DHCP. If DHCP is enabled, changes in the WAN connection may cause the connection to the device to fail.
 - **FEN:** If the device uses FEN, enter the device name that is registered on the FEN server. Make sure that the device's FEN server information is entered correctly. (**System > Setup > Network Setup > FEN**) The device may not be recognized during scanning if incorrect FEN server information is used.
 - **Domain Name:** If the device uses Domain Name Service (DNS), enter the device's domain name registered on the DNS server.
 - **Device Information File:** Loads an XML file containing device connection information and displays the corresponding devices on the list. For more information about .xml files, contact your IDIS Solution Suite Compact retailer.

-  To select the devices to register, check on the box next to the names of each device on the list. Click **Check All** to select all the devices on the list at once.

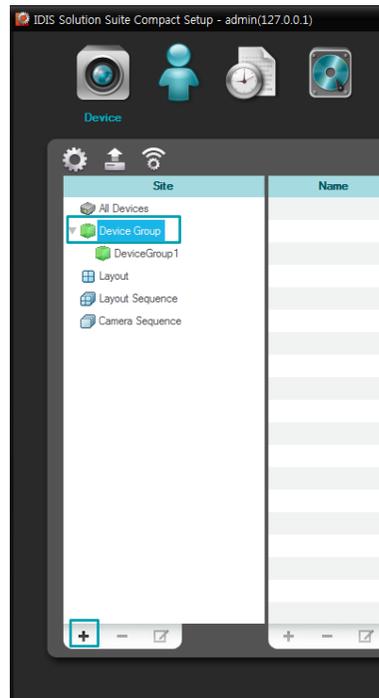
2 Click **Add Device** at the bottom of the **Device Scan** window.

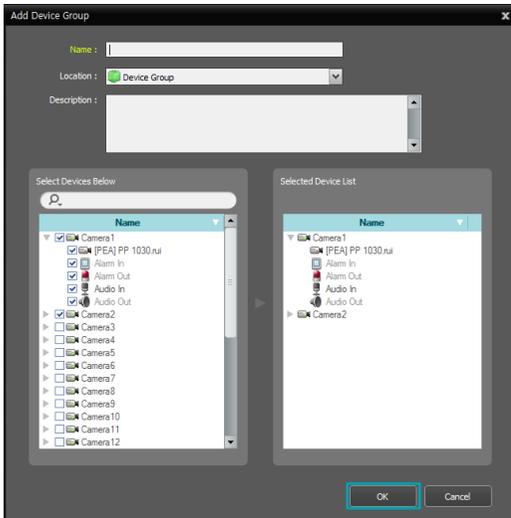


- Name/Address/Device Type:** Shows the name, IP address and type of the selected device. Device name is updated automatically depending on the device's settings.
- ID/Password:** Enter the User ID and Password set up on each device for remote access. Connection is permitted only to users who belong to the device's **Administrator** group. Recording is permitted only **admins** within the device's **Administrator** group.
- Apply to All Devices:** If multiple devices sharing the same User ID and password are selected, you can check this option to apply the same User ID and password to all selected devices.

-  If the selected device is a 4-channel network video server, all 4 cameras will be registered automatically regardless of whether the camera is enabled on the network video server.
- If the device uses DirectIP™ protocol, it cannot be registered on the iNEX system and a window appears asking you to allow changing the protocol. Clicking the **OK** button registers the device after changing the protocol. The device reboots when the protocol changes.

3 Click **Device Group** on the **Site** panel and then click **+** at the bottom of the **Site** panel on the right to load the **Add Device Group** window.





- **Name:** Enter a name for the device group.
- **Location:** Select an upper device group for the subject device group.
- **Select Devices Below/Selected Device List:** Select check boxes of cameras on the left to add them to the right.

4 Click **OK** to register the selected device group.

5 To verify that the device has been added to the device group, click **Device Group** on the **Site** panel and then click on the arrow (▶) to the left of **Device Group**. When you click on a registered device group, a list of devices added the selected device group will be displayed on the right along with their connection statuses.

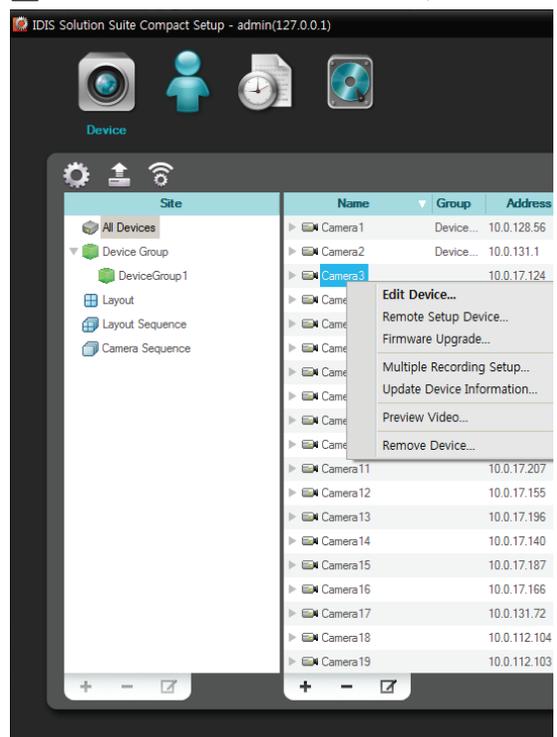


To modify a device group that has been registered, select a device group and click at the bottom of the **Site** panel. A **Modify Device Group** window will appear. You can modify the selected device group from this window.

- Network disconnect log is shown if the device is not connected properly. For more information on network disconnect log, refer to the **Network Disconnect Log on page 82**.

Devices Management

Select Device Group from the **Site** panel and then click Device on the Site List panel. To bring up the Device menu, right-click on the device or click on the button at the bottom of the Site List panel.



- **Edit Device:** Configure device connection info and recording schedule's **Action** preset settings.
- **Remote Setup Device:** Changes device's settings remotely.
- **Firmware Upgrade:** Upgrades the device's software remotely.

- **Multiple Recording Setup:** Configure **Action** preset settings of a recording schedule for multiple devices.

Supported only for devices of the same type (network camera/network video server).

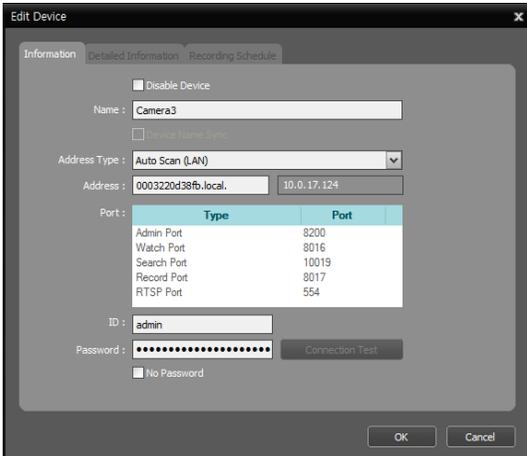
- **Preview Video:** Shows preview of video from the device via a popup window.
- **Update Device Information:** Updates registered device information. If I/O devices connected to the device do not show up on the list, update the device information.
- **Remove Device:** Deletes the device from IDIS Solution Suite Compact.

Editing a Device

Select **Edit Device** on the device menu.

- **Information**

The basic information for connecting to the device can be modified.

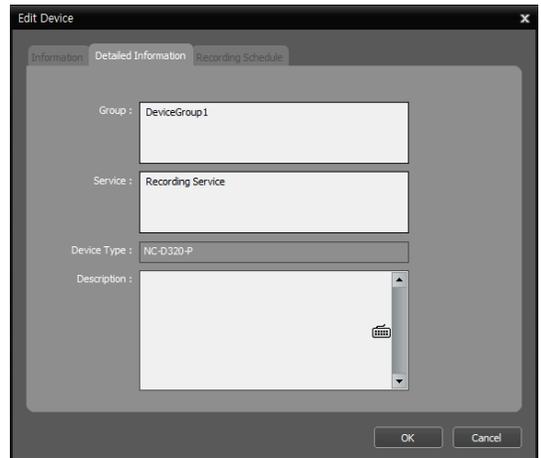


- **Name:** Rename the device. Names used by other devices cannot be used. If the **Disable Device** option is selected, concerned device will be assumed as an unregistered device. If the **Disable Device** option is selected, concerned device will be assumed as an unregistered device. Select **Device Name Sync** to update the device name automatically depending on device settings.
- **Address Type:** Choose device's address type.
 - **Auto Scan (LAN):** Device's mDNS number can be entered when modifying device's address.
 - **IP Address:** Device's IP address can be entered when modifying device's address.

- **FEN:** If the device uses FEN, a device name registered on FEN server can be entered when modifying device's address. The name entered must be identical to the name set in subject device's FEN settings.
- **Domain Name:** If the device uses domain name service, a domain name registered on DNS server can be entered when modifying device's address.
 - **Address:** Modify the device's address based on the address type chosen above.
 - **Port:** Edit the port number. The port number entered must be identical to the ports set for **Remote Access(Admin)**, **Remote Watching(Watch)**, **Recording(Record)** and **Two-way Audio(Audio)** on the device.
 - **ID/Password:** Change the User ID and password for connecting to the subject device.
 - **Connection Test:** By clicking this button, you can test the connection to the subject device using the information entered above.

- **Detailed Information**

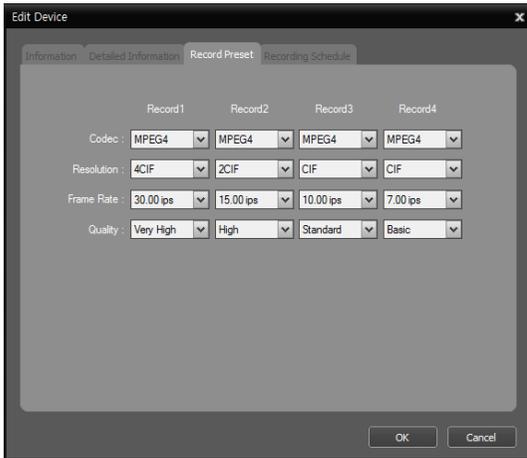
Shows the device's registration information.



- **Group/Service:** Shows the device's registered device groups and service list.
- **Device Type:** Shows device type.

Record Preset

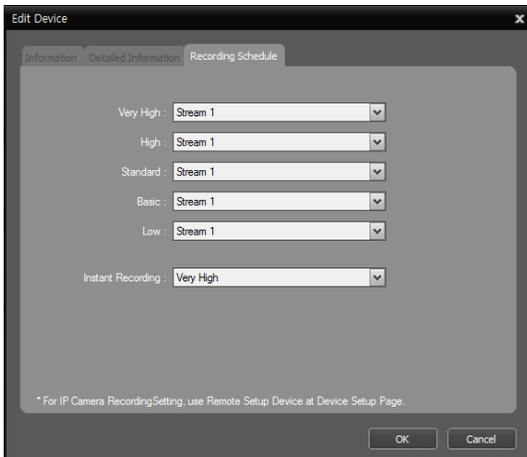
Supported only if the device is a network video server.



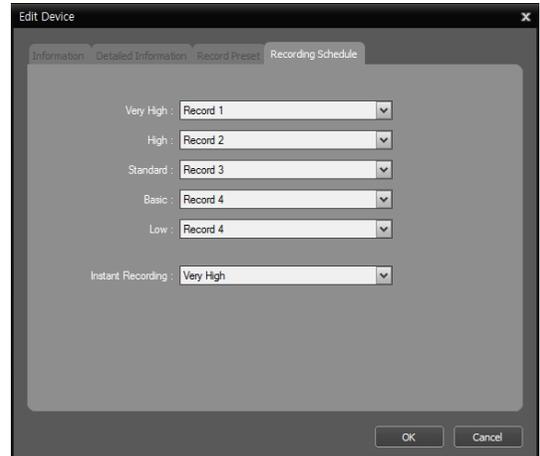
- **Codec/Resolution/Frame Rate/Quality:** Select compression codec, resolution, recording speed, and picture quality for recording. If H.264 codec is selected, recording speed cannot exceed 15 ips when recording at 4CIF resolution.

Recording Schedule

Configure recording schedule's **Action** preset settings.



If the device is a network camera



If the device is a network video server

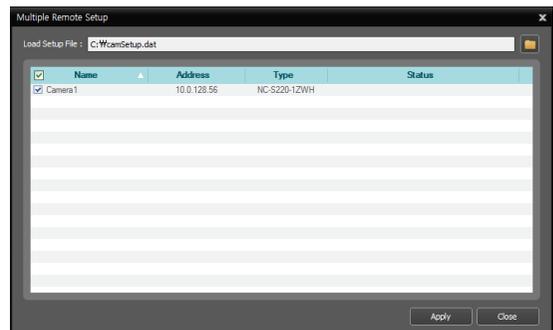
- **If the device is a network camera:** Allocates streams to use during recording for each preset.
- **If the device is a network video server:** Allocates settings to use during recording for each preset.
- **Instant Recording:** Select a preset to use for Instant recording.

Remote Device Settings

The device's settings can be changed remotely by selecting **Device Remote Setup** in the device menu.

- Certain settings items may not be supported by remote setup.

Changes settings of multiple devices using a settings file. Click on the (Multiple Remote Setup) button at the top of the Site panel to load the setup window.



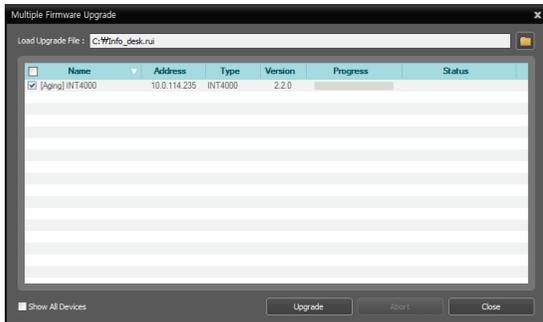
Click  at the upper right corner and then select a setup file to display a list of devices the file can be applied to. Select a device and click on **Apply** button at the bottom to change the settings of the subject device.

This feature may not be supported depending on the device model. Even if the setup file can be applied to the registered device, Remote Setup All at Once feature may not be supported. In such case, the device is not displayed on the list.

Upgrading Firmware

If an upgrade file is ready, select **Firmware Upgrade** from the Device menu to update the device's software remotely.

Upgrades the software of multiple devices at once. Click on the  (Multiple Firmware Upgrade) button at the top of the Site panel to load the setup window.



Click  at the upper right corner and then select an upgrade file to display a list of devices that can be upgraded. Select **Show All Devices** display a list of all registered devices. Select a device and click on **Upgrade** button at the bottom to upgrade the subject device.

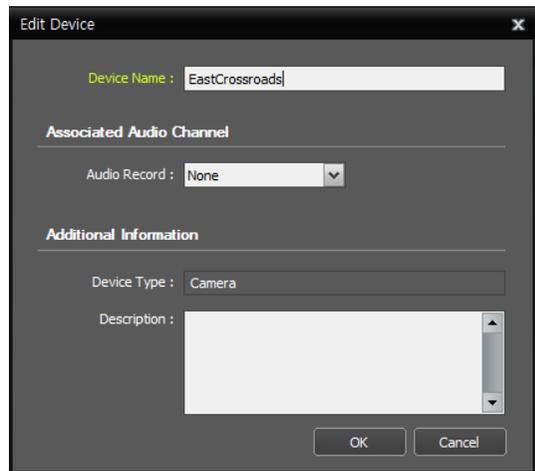
Checking Device Status

Select **All Devices** from the **Site** panel and then click Device from the Site List panel to display device statuses under **Recording Status**.

- **Connected:** Ready to record.
 - **Disconnected:** Not ready to record.
- Click on the arrow button () next to a device name to display a list of I/Os supported by the device and check the device's status.
- **Record:** When Time Lapse or Event recording is in progress.
 - **Instant Recording:** When Instant Recording is in progress.
 - **Idle:** Standing by to record.

Modifying Device's I/O Information

Select **All Devices** on the **Site** panel and click on the arrow button () next to the device name on the Site List panel. Select an I/O device on the list of Video Input, Alarm Input/Output and Audio Input/Output supported by the subject device. To bring up the **Edit Device** window, click on the button at the bottom of the Site List panel or right click and select **Edit Device**.



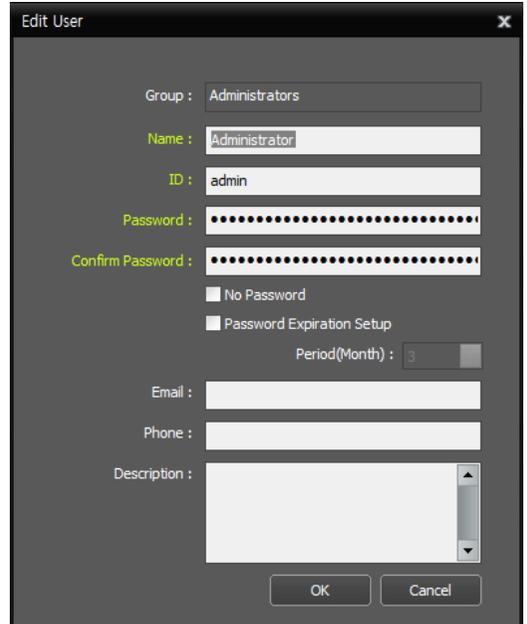
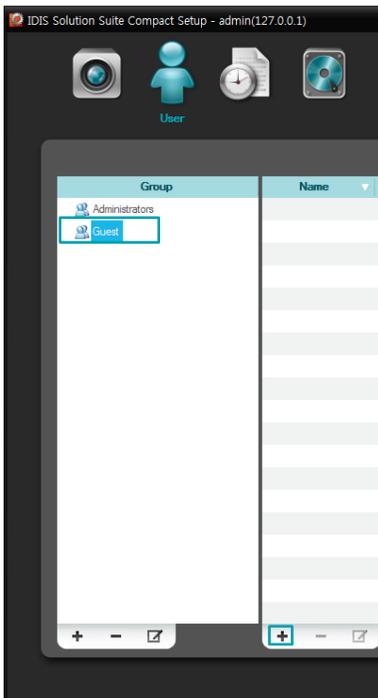
- **Device Name:** Rename the I/O device. Names used by other I/O devices cannot be used. If the subject I/O device updates the name of the connected device, the changes are updated automatically.



- **Information** Tab: Enter a name for the user group.
- **Authority** Tab: Grant or restrict authority for each function.

Click **OK** to add the subject user group.

4 When you click on the new user group added on the User Group panel and click the **+** button at the bottom of the User Group panel, the **Add User** window will appear.



- **Name**: Enter a name for the user.
- **ID/Password/Confirm Password**: Enter a unique User ID and password for running IDIS Solution Suite Compact.

Passwords can be set from 8 to 16 letters without spaces.

- **Password Expiration Setup**: Sets an expiration date for the password. The user is notified upon logging in if the password is expired.
- **Email/Phone/Description**: Enter an email address, a phone number, and a description. The email address must include the @ symbol. The phone number must be made up of numbers and the - symbol.

Click **OK** to add the user.

5 By selecting a registered user group or user and clicking the button, you can modify the information about the selected user group or user.

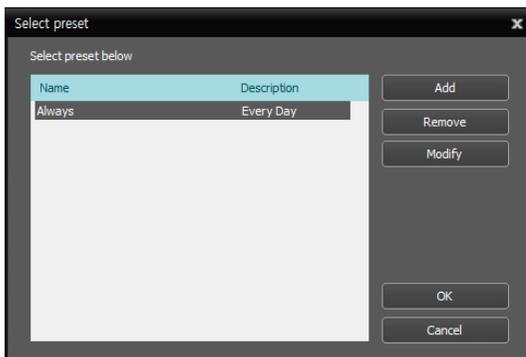
Part 6 - Appendix

Event Recording Mode Schedule Setup Example

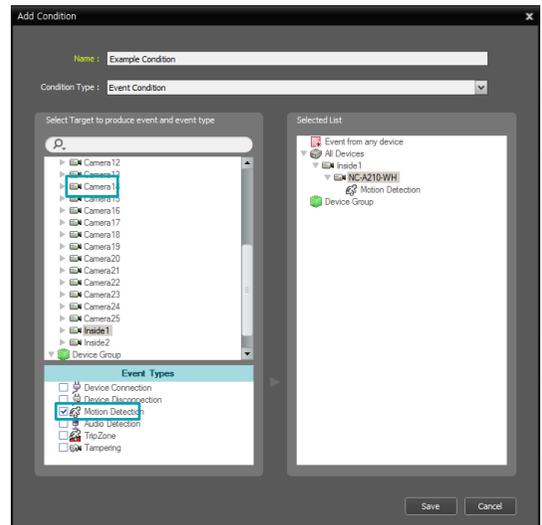
Example 1

To record using **Inside 1** device's camera 1 when motion is detected, set up as follows:

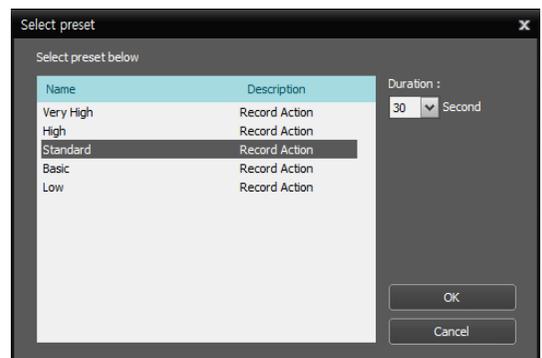
- 1 Go to **Start > IDIS Solution Suite Compact > IDIS Solution Suite Compact Setup** and log in.
- 2 Select the **Recording Schedule** menu and then click **Schedule Setup** on the bottom.
- 3 Double-click on the **Time Range** schedule window and select the **Always** preset.



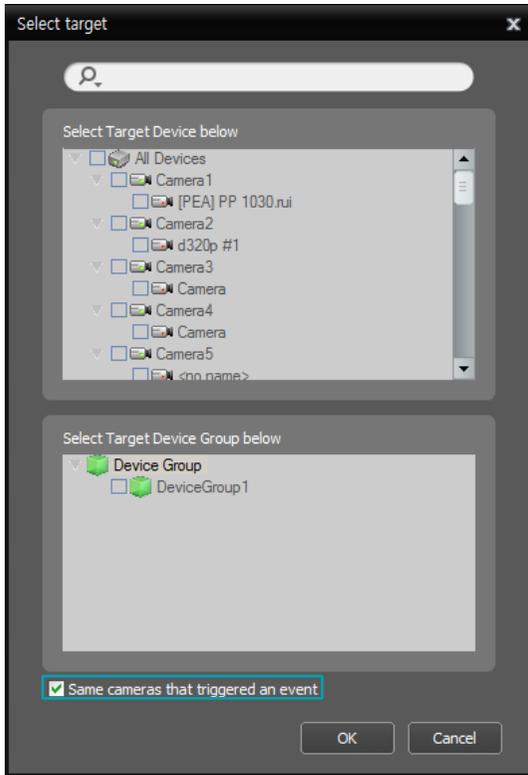
- 4 Double-click on the **Condition** schedule window and set up as follows:
 - **Condition Type: Event Condition**
 - **Select Target to produce event and event type: All Devices > Inside 1 > CAM 1**
 - **Event Types: Motion Detection**



- 5 Double-click on the **Action** schedule window and select a preset.



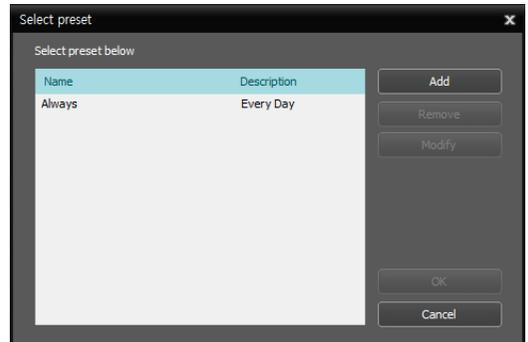
- 6 Double-click on the **Target** schedule window and then select the **Same cameras that triggered an event** option.



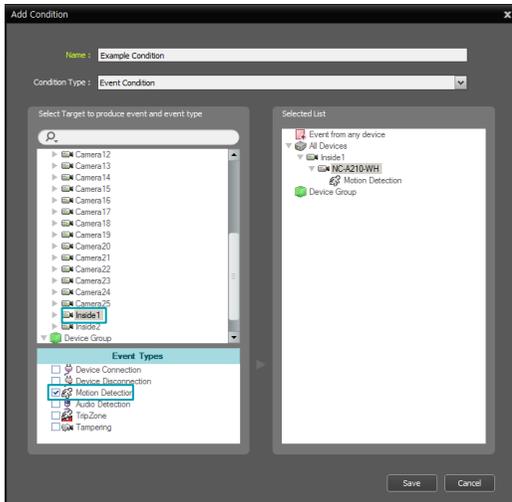
Example 2

To record video from **Inside 1** device's camera 1 and **Inside 2** device's camera 1 when motion is detected on the former, set up as follows:

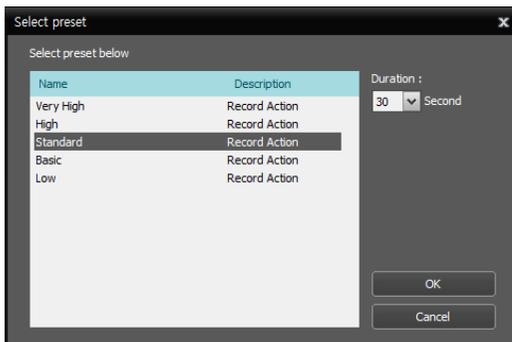
- 1 Go to **Start > IDIS Solution Suite Compact > IDIS Solution Suite Compact Setup** and log in.
- 2 Select the **Recording Schedule** menu and then click **Schedule Setup** on the bottom.
- 3 Double-click on the **Time Range** schedule window and select the **Always** preset.



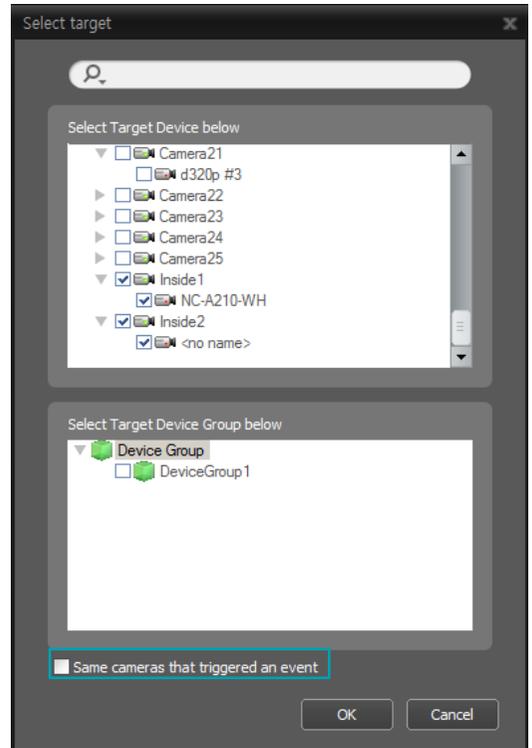
- 4 Double-click on the **Condition** schedule window and set up as follows:
 - **Condition Type: Event Condition**
 - **Select Target to produce event and event type: All Devices > Inside 1 > CAM 1**
 - **Event Types: Motion Detection**



- 5 Double-click on the **Action** schedule window and select a preset.



- 6 Double-click on the **Target** schedule window, disable the **Same cameras that triggered an event** option, and then select Inside 1's CAM1 and Inside2's CAM1 from the **All Devices** list.



Network Disconnect Log

ID	Description
0	Unknown Error
1	Log Out
2	All communication channels of device in use
3	Unsupported version
4	User ID/password error
10	Device cannot be initiated
11	Network stopped
12	Not connected to the network the device is connected to
13	Connection timeout. No response from network video device
15	Failed to connect to recording service
16	Unable to connect to device. Network stopped
20	Connection cancelled by user
26	RTP port already in use
27	SSL connection failure
28	Network connection timeout
29	Host connection timeout
30	Device does not support RTP-over-TCP

Troubleshooting

Problem	Solution
Unable to monitor live video.	<ul style="list-style-type: none"> • Make sure that the device has been added to the device group. • Make sure you have Live monitoring authorization.
I can't see Live videos.	<ul style="list-style-type: none"> • Check device's connection to the camera. • System or network overload may cause delays in the Live videos.
Unable to perform two-way audio communication.	<ul style="list-style-type: none"> • Check the speaker and microphone connection statuses on the device and the IDIS Solution Suite Compact system. • Check the device's I/O settings. • Two-way audio communication is performed on 1:1 basis only. If the device is already engaged in two-way audio communication with a different system, try again after that initial connection has been severed.
Unable to record.	<ul style="list-style-type: none"> • Ensure that a storage space has been allocated and a recording schedule has been set up. • Check the device's registration info. Recording function is supported only for devices registered as an admin user. • Check the device's recording status. If a different IDIS Solution Suite Compact system has connected to the device first, recording will not take place on the current IDIS Solution Suite Compact system. If a device has been registered on another system as well, recording on that device will only take place on the first IDIS Solution Suite Compact system to have connected with it. Once a connection is established, the other IDIS Solution Suite Compact system will not be able to record video from the concerned device until the initial connection is severed. To record video on the current IDIS Solution Suite Compact system, unregister the device from the other IDIS Solution Suite Compact system or edit the device information so that it is not used.
Recording ODS is not being shown.	Load on the system can delay the recording. In this case, recording OSD may indicate a time later or longer than the time configured in the schedule.
I cannot run IDIS Solution Suite Compact program because I forgot my User ID and password.	<ul style="list-style-type: none"> • Start the SecretKey program. Start → IDIS Solution Suite Compact → Utility → SecretKey Deliver the result to your IDIS Solution Suite Compact distributor to receive a new user ID and password. • Install the IDIS Solution Suite Compact program again. However, all data stored on the system will be deleted upon uninstallation. Deleted data cannot be recovered.

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