

TeleEye
sureSIGHT
Lite/Business

User Manual

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TABLE OF CONTENTS

1. INTRODUCTION	8
1.1. FEATURES OF SURESIGHT LITE/BUSINESS	8
1.2. SYSTEM REQUIREMENT	9
1.3. MANUAL CONVENTION	9
2. INSTALLATION AND UN-INSTALLATION	10
2.1. BEFORE INSTALLATION	10
2.2. INSTALLATION	11
2.3. UNINSTALLATION	12
3. LICENSE	12
3.1. REGISTER SURESIGHT BUSINESS	12
3.2. REGISTER SITEMAP	17
3.3. REGISTER SITECHECK LICENSE	18
3.4. REGISTER OTHER SITE LICENSE	19
3.5. REGISTER FLOW ANALYSIS LICENSE	19
3.6. REGISTER INTRUSION DETECTION, LOITERING DETECTION, AND UNATTENDED/MISSING OBJECT DETECTION	20
4. SURESIGHT WORKING ENVIRONMENT	25
4.1. LOGIN	25
4.2. MAIN PANEL	26
4.3. EXPANDABLE PANEL	27
4.4. SURESIGHT SYSTEM SETTINGS	31
4.4.1. <i>Working environment</i>	31
4.4.2. <i>Program startup</i>	33
4.4.3. <i>Auto redial</i>	33
4.4.4. <i>Default path</i>	33
4.4.5. <i>Event alert settings</i>	33
4.4.6. <i>siteCHECK settings</i>	33
4.4.7. <i>Default live video view layout</i>	35
4.4.8. <i>Language</i>	36
5. SITE MANAGEMENT	37
5.1. WORKING ENVIRONMENT	37
5.2. ADD SITES	38
5.2.1. <i>Add site manually</i>	38
5.2.2. <i>Add site by searching</i>	39
5.3. ADD A GROUP	41
5.4. SITE GROUPING	43
5.5. EDIT A SITE	44
5.6. EDIT A GROUP	44
5.7. REMOVE A SITE	44
5.8. REMOVE A GROUP	44
5.9. SEARCH FOR A SITE	44
6. ACCOUNT MANAGEMENT	46
WORKING ENVIRONMENT	47

6.1.	ENABLE USER ACCOUNT SUPPORT	48
6.2.	ENABLE AUTO LOGIN	48
6.3.	ADD A GROUP	48
6.4.	ADD A USER	48
6.5.	CHANGE USER NAME OR PASSWORD	49
	DELETE A GROUP	49
6.6.	DELETE A USER	49
6.7.	ASSIGNING GROUP RIGHT	49
6.8.	ASSIGNING SITE MONITORING RIGHT	49
6.9.	ASSIGNING SITEMAP MONITORING RIGHT	50
7.	REMOTE LIVE MONITORING	52
7.1.	WORKING ENVIRONMENT	52
7.2.	CONNECT A SITE, CAMERA OR GROUP	52
7.3.	DISCONNECTION	54
7.4.	CAMERA FRAME OPERATION	54
7.5.	FRAME BORDER STATUS	56
7.6.	AUTO REDIAL	57
7.7.	GLOBAL VIDEO QUALITY	57
7.8.	SEQUENTIAL MODE	57
7.9.	ON SCREEN DISPLAY SETTINGS	58
7.10.	VIDEO SETTINGS	60
7.11.	VIDEO DISPLAY MODULE	61
8.	CONNECTION PROFILE MANAGEMENT	62
8.1.	WORKING ENVIRONMENT	62
8.2.	ADD A NEW GROUP	62
8.3.	EDIT A CONNECTION PROFILE GROUP	62
8.4.	DELETE A CONNECTION PROFILE GROUP	63
8.5.	ADD A CONNECTION PROFILE	63
8.6.	EDIT A CONNECTION PROFILE.	64
8.7.	DELETE A CONNECTION PROFILE:	64
8.8.	APPLY A CONNECTION PROFILE:	64
8.9.	DEFAULT CONNECTION PROFILE	64
9.	RECORDING	65
9.1.	REMOTE SERVER RECORDING SETTING	65
10.	PLAYBACK OPERATION	70
10.1.	OPEN THE PLAYBACK LOG	70
10.2.	USING THE PLAYBACK LOG	71
11.	PAN TILT ZOOM (PTZ)	80
11.1.	ANALOG PTZ	80
11.2.	DIGITAL PTZ	85
11.3.	COMPUTER AUX PORT	89
	11.3.1. <i>Software setting</i>	89
	11.3.2. <i>KB03 keyboard settings</i>	90
	11.3.3. <i>KB03 basic operation</i>	91
12.	SITEMAP	92

WORKING ENVIRONMENT	92
12.1. ADDING A SITEMAP	93
12.2. SITEMAP EDITOR	93
12.2.1. <i>Select site form</i>	96
12.2.2. <i>Components table</i>	96
12.2.3. <i>Cursor shapes</i>	97
12.2.4. <i>Adding and Editing components</i>	98
12.2.5. <i>Deleting components</i>	99
12.3. EDITING A SITEMAP	99
12.4. IMPORT AND EXPORT SITEMAP	100
12.5. WORKING WITH SITEMAP	101
12.5.1. <i>siteMAP monitoring right</i>	101
12.5.2. <i>siteMAP viewer</i>	101
13. PATROL SCHEDULER	105
13.1. WORKING ENVIRONMENT	106
13.2. ADDING A SCHEDULE	107
13.3. EDIT A SCHEDULE	108
13.4. DELETE A SCHEDULE	108
13.5. START/STOP SCHEDULE	108
13.6. START SCHEDULE WHEN SOFTWARE START UP	108
14. EVENT MANAGEMENT	109
14.1. WORKING ENVIRONMENT:	111
14.2. EVENT	113
14.2.1. <i>Arm/Disarm</i>	113
14.2.2. <i>Security switch</i>	117
14.2.3. <i>Alarm</i>	118
14.2.4. <i>Motion</i>	119
14.2.5. <i>Video loss</i>	120
14.2.6. <i>System tamper</i>	121
14.2.7. <i>Power failure</i>	122
14.3. ACTION	123
14.3.1. <i>Live camera</i>	123
14.3.2. <i>Recording</i>	124
14.3.3. <i>Switch</i>	128
14.3.4. <i>Dial back</i>	131
14.3.5. <i>Pan Tile Zoom (PTZ)</i>	133
14.3.6. <i>Event LED</i>	134
14.3.7. <i>E-mail</i>	135
14.3.8. <i>SMS</i>	137
14.3.9. <i>Buzzer</i>	137
14.4. SIREN	138
14.5. GLOBAL EVENT INDICATOR SETTING	140
14.6. EVENT LOG	142
<i>Export the log</i>	143
<i>Playback</i>	143
14.7. EVENT STATUS	144
14.8. CLEAR EVENT	145
14.9. ASSOCIATE CAMERA SETTING	145

14.10.	EVENT SUSPENSION SETTINGS	146
14.10.1.	<i>Event suspension management</i>	146
14.10.2.	<i>Event suspension report</i>	148
15.	SYSTEM REPORT	149
15.1.	WORKING ENVIRONMENT:	149
15.2.	SEARCH FOR SITE CONNECTION LOG	150
15.3.	SEARCH FOR USER OPERATION LOG	150
15.4.	SEARCH FOR FLOW ANALYSIS REPORT	150
	<i>Graph</i>	150
	<i>Raw data</i>	152
15.5.	SEARCH VIDEO ANALYTIC LOG	152
	Step 2. <i>Choose time range</i>	153
15.6.	BACKUP THE LOG	154
16.	SITECHECK REPORT	155
16.1.	SITECHECK REPORT	155
17.	SUREREC	157
17.1.	SUREREC MANAGEMENT	158
17.1.1.	<i>Add a sureREC</i>	159
17.1.2.	<i>Edit a sureREC</i>	160
17.1.3.	<i>Delete a sureREC</i>	160
17.1.4.	<i>Edit sureREC settings</i>	160
17.1.5.	<i>Update sureREC status</i>	160
17.2.	SUREREC STATUS MONITOR	162
17.2.1.	<i>Status of cameras</i>	163
17.2.2.	<i>Status of sureREC sites</i>	165
17.2.3.	<i>Global status of sureRECs</i>	165
17.2.4.	<i>Try to solve the errors</i>	166
17.3.	PLAYBACK FROM SUREREC	169
17.4.	BACKUP VIDEO FROM SUREREC	172
17.5.	SUREREC SETTINGS PAGE	176
17.5.1.	<i>sureREC schedule template setting</i>	176
17.5.2.	<i>To add a manual recording</i>	182
17.5.3.	<i>To add a schedule recording</i>	183
17.5.4.	<i>To manipulate camera recordings</i>	184
18.	BACKUP	186
18.1.	SYSTEM SETTINGS BACKUP	186
18.1.1.	<i>Export</i>	186
18.1.2.	<i>Import</i>	188
18.2.	FULL DATABASE BACKUP	191
18.2.1.	<i>Export</i>	191
18.2.2.	<i>Import</i>	192
18.3.	CAMERA REFERENCE IMAGE	194
18.3.1.	<i>Adding a New Camera Reference Image</i>	194
18.3.2.	<i>Editing or Delete an Existing Image</i>	196
18.3.3.	<i>Save live and playback Image to PC</i>	197
18.4.	VIDEO BACKUP	198

19.	AUDIO CONTROL	204
19.1.	WORKING ENVIRONMENT	204
20.	DIAL BACK	208
21.	SPOT WINDOW	209
22.	VIDEO COMMENT	210
22.1.	ADD PRESET VIDEO COMMENT	210
22.2.	INPUT VIDEO COMMENT	210
22.3.	SEARCH PLAYBACK VIDEO BY VIDEO COMMENT	211
23.	FLOW ANALYSIS	214
24.	VIDEO ANALYTIC	214
24.1.	SETUP VIDEO ANALYTIC DETECTION	214
24.1.1.	<i>Intrusion detection</i>	214
24.1.2.	<i>Loitering detection</i>	215
24.1.3.	<i>Unattended/Missing object detection</i>	216
24.1.4.	<i>Advanced Setting – Object filtering</i>	216
24.2.	VIDEO ANALYTIC EVENT	220
24.3.	Q & A	222
24.4.	GENERATE SUPPORT FILES	225
24.5.	TELEEYE REMOTE SUPPORT	225
25.	APPENDIX	226
25.1.	SURELINK TECHNOLOGY	227
25.2.	TRANSMITTER MODIFICATION	230
25.3.	TELEEYE RX WITH TAMPER CIRCUIT AND EXTERNAL RESISTOR	230
25.4.	SECURITY MODE	233
25.5.	SHORTCUT KEYS	236

1. Introduction

1.1. Features of sureSIGHT Lite/Business

sureSIGHT is an integrated video management platform for IP cameras and Video Recording Servers. Its modular design allows customers to scale up easily and add functional modules to suit specific requirements.

- Up to 64 HD live video from TeleEye MX Series
- Manage multi-site and cameras simultaneously
- Comprehensive event log
- Modular design & operation
- Operator account management system
- Support TeleEye GX, MX, NX, RX, CX, JN, VN, MP, MQ Series
- siteMAP function support user to monitor an area systematically
- Optional ONVIF, sitePOS, siteMAP, siteCHECK, Video Analytics modules

1.2. System requirement

	Lite	Business	Lite/Business with Analytic function
Processor	Intel® Core™ i3	Intel® Core™ i5	
Memory	4GB		
Hard disk	50GB free space		
Display	Direct 3D supported. E.g Nvidia® GeForce™ GT620 E.g ATI® Radeon™ HD 6450		
Operating system	MS® Windows XP Home/Professional SP3 MS® Windows 7 MS® Windows 8/8.1 MS® Windows 10		MS® Windows 7 MS® Windows 8/8.1 MS® Windows 10

1.3. Manual convention

[ButtonName]	Button Name
{Window/Panel}	Window/Function Panel
->	Sublevel of the controlling
<u>Component Part</u>	Component Defined in working environment
“function”	Function in the system
*** <i>Remark</i>	Remark for the process
<u>“Parameter”</u>	Parameter for user input, e.g. Username, Password

2. Installation and Un-installation

2.1. Before installation

In Windows Vista or later administrator permission is required for installation. If the current user does not have administrator privilege, a **{User Account Control}** dialog will pop up asking for administrator account and password.

Request for Administrator Privilege

Please select an administrator account and type the password to continue the installation.

If “User Account Control” in Windows 7 is enabled, Windows may ask for the permission to install the program. Click **[Allow]** to continue.

User Account Control

If .NET framework 2.0 is not installed, the installation process will start automatically.

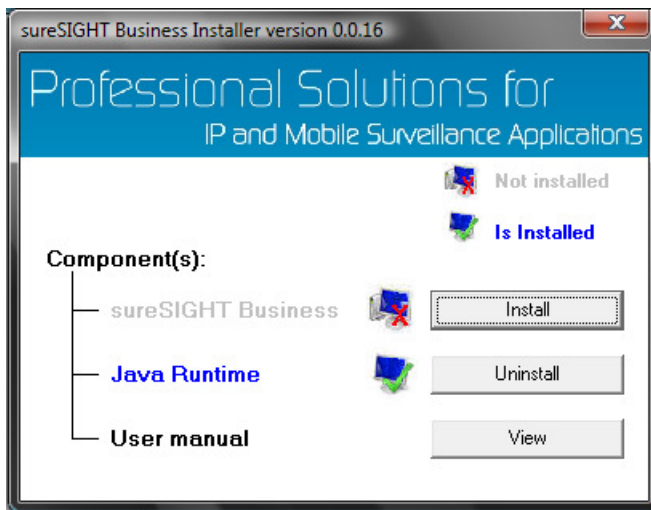
Permission may be required to install Microsoft SQL Server. Click **[Continue]** to continue.

2.2. Installation

To start the installation, you can simply follow the autorun of the disc or click the installer file directly.

****Installation of sureSIGHT Lite and sureSIGHT Business are the same, but cannot be installed on a same computer.*

****If there is a previous version of sureSIGHT in the computer, please un-install it first, please refer to chapter 2.3.*



You need to install the sureSIGHT Lite/Business, Java Runtime.

Step 1. Click [**Install**] of sureSIGHT Lite/Business.

If Visual C++ 2005 Redistributable is not installed, an installation window will be shown.

Step 2. Click [**Yes**] to install Visual C++ 2005 Redistributable.

Step 3. After Visual C++ 2005 Redistributable is installed, you can start install sureSIGHT.

Step 4. [**Browse**] the installation path for sureSIGHT, [**Disk Cost...**] is available for you to check the available space for installation, then click [**Next>**].

****The default path C:\Program Files\TeleEye\TeleEye sureSIGHT\ is recommended.*

Step 5. Click [**Next >**] to confirm the installation.

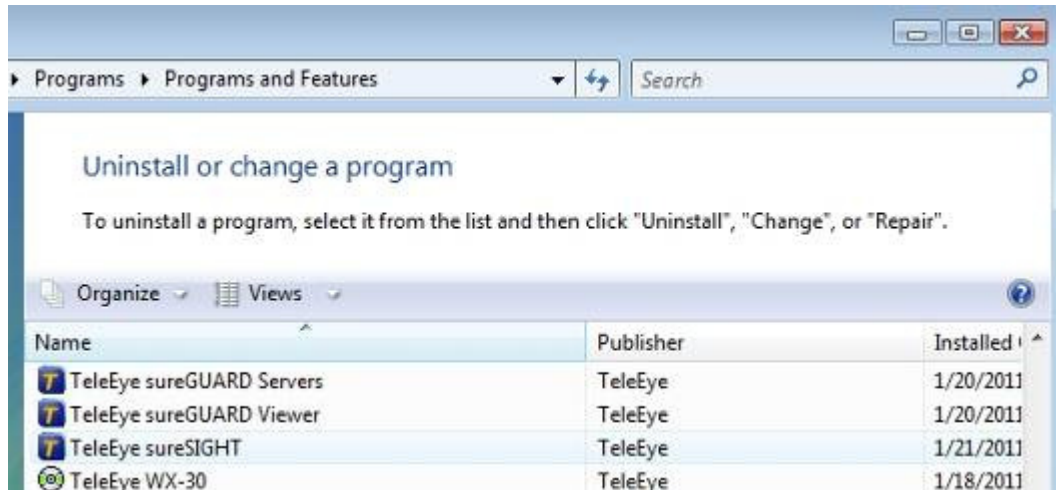
Step 6. Click [**Close**] when the installation completed.

Step 7. Install Java Runtime Environment (if required).

2.3. Uninstallation

****Uninstall of sureSIGHT Lite and sureSIGHT Business are the same.*

You can uninstall sureSIGHT from control panel



Also, they can click **[Uninstall sureSIGHT]** in the Start menu.

After they click uninstall, a confirmation windows of **{Windows Installer}** appears.

Click **[Yes]** in the confirmation windows, the uninstall runs automatically.

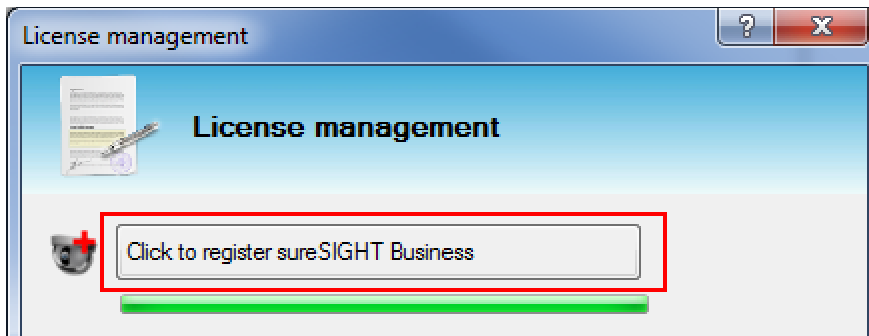
3. License

3.1. Register sureSIGHT Business

You have 30 days trial to use sureSIGHT Lite/Business. To continue use the software, you have to register the software license.

Step 1. Click **[System]** -> **[License]** to show the license status window.

Step 2. To register sureSIGHT Lite/Business, click **[Click to register sureSIGHT Business]**.



Step 3. Choose a registration method



Online registration is a more convenient way for you to register a license. For the online registration, please make sure that this computer is allowed to access to the Internet.

Offline registration does not require the Internet accessibility. You need to follow from the steps 6 below to complete the registration.

Step 4. **{Online registration}** For online registration, you are required to login before doing the registration. Once you have logged in. System will not ask you to log in again.



If new customer who does not have an account, he needs to sign up a new account by clicking **[sign up a new account]** before registration.



The screenshot shows a 'Customer Registration' window with a 'New customer registration' section. The form includes fields for Login ID, Password, Confirm password (with a note: '(At least 8 alphanumeric characters)'), Salutation (dropdown menu), First name, Last name, Email, Confirm email, Company, Address, Country (dropdown menu), Phone, Fax, and a radio button selection for 'Are you a...' (Reseller, Enduser, Others). At the bottom, there are checkboxes for 'Do you want to receive the following information regularly?' (Newsletter, New product alert) and a 'Register' button.

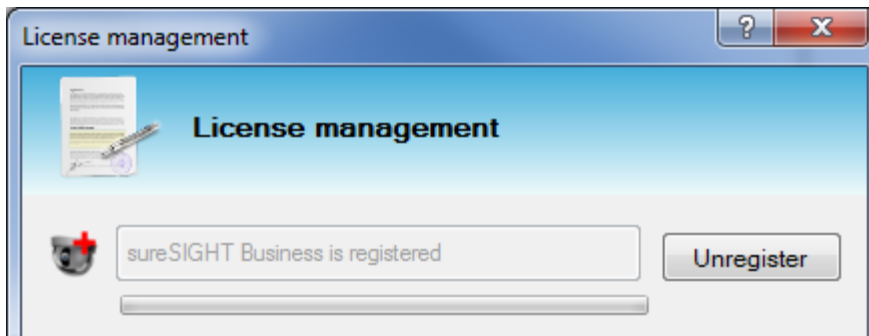
Fill in the information and click **[Register]** to register a new account. If register success, it will go to the registration page.

Step 5. **{Online registration}** Enter the serial number and click **[Register]** to process the registration.

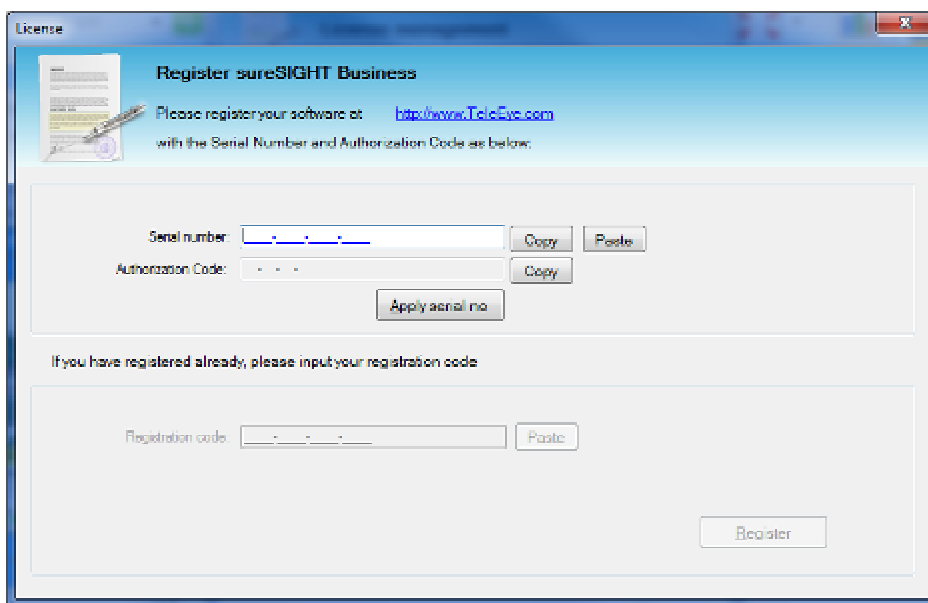


The screenshot shows a 'License' window with a 'Register a siteMATRIX' section. The form includes a 'Serial number:' label, a warning icon, and a text input field. A 'Register' button is located at the bottom right.

Step 6. **{Online registration}** The license page will be updated.



Step 7. **{Offline registration}** To register a license, you can type in the software serial number and click **[Apply serial no]** button to generate an “Authorization Code”. With the software serial number and authorization code, you can register the license online.



Step 8. **{Offline registration}** Click hyperlink <http://www.TeleEye.com> and go to TeleEye homepage. Find **[Customer Login]** button at the bottom of the homepage and click to enter the customer login form.



Step 9. **{Offline registration}** Go to the bottom of the web page. For registered user, type in login ID and password to login to the system. New user need to sign up

first. Click “Sign up here!” to enter sign up form.







New user? [Sign up here! >>](#)

Registered user:

Login ID:

Password:

Step 10. **{Offline registration}** Enter your personal information and click **[Register]** button. Now, you may use the login ID and password to log in to the system.

		
<p>Downloads Manuals, A & E spec, marketing materials, forms...</p>	<p>Product FAQs Learn more about our CCTV & DVR products & technology...</p>	<p>System Configurations How to setup router, modem, DVR, video recording server...</p>
		
<p>Warranties Find out more about product warranties...</p>	<p>sureLINK Registration Register an unique <i>sureLINK</i> address...</p>	<p>Software Registration Register for your monitoring software, CMS, WX-M16...</p>

Step 11. **{Offline registration}** Find “Software Registration” under “*TeleEye Support*”.

Step 12. **{Offline registration}** Find “TeleEye *sureSIGHT Lite/Business/Pro*” under “Software Registration”.

(1) Software Registration

Please prepare your Software Serial Number and Authorization Code which are unique for each software and each installation respectively.

TeleEye M-101: Mobile Video Monitoring Software	CLICK HERE
TeleEye WRS3-M: 4-site Video Reception Software (RX excluded)	CLICK HERE
TeleEye WRS3-M16: 16-site Video Reception Software (RX excluded)	CLICK HERE
TeleEye WX-M16: 16-site Video Reception Software	CLICK HERE
TeleEye Central Monitoring Station	CLICK HERE
TeleEye Network Recording Software (NXR)	CLICK HERE
TeleEye <i>sureSIGHT Lite/Business/Pro</i>	CLICK HERE
TeleEye <i>sureSIGHT Value-added module: siteMAP, siteCHECK</i>	CLICK HERE
TeleEye <i>sureREC</i>	CLICK HERE
TeleEye NF62S: Network Camera Video Reception Software (for NF620)	CLICK HERE
Cyber TeleEye	CLICK HERE
TeleEye Touch Viewer	CLICK HERE
TeleEye POS Print Manager	Reg / Un-Reg
TeleEye People Counting	CLICK HERE

Step 13. **{Offline registration}** Type in the software serial number and authorization code and click **[Register]** to generate a registration code.

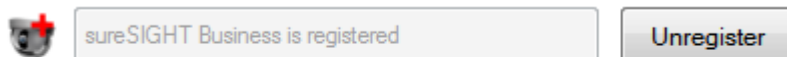
Please enter the software serial number and authorization code:

Software Serial No.:

Authorization Code:

Step 14. **{Offline registration}** Type the registration code into the **{Software registration form}** and click **[Register]**

Step 15. **{Offline registration}** The license page will be updated.



3.2. Register siteMAP

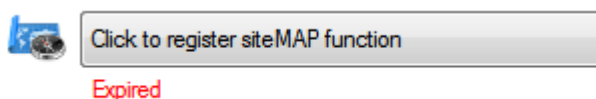
****Similar to Register sureSIGHT Lite/Business, reference to (3.1 Register sureSIGHT Lite/Business)*

siteMAP is a function to manage numerous sites, position cameras and verify alarms through multi-layer siteMAP, floor plan and reference images.

You need to register the siteMAP license online before they can use it.

Step 1. Click **[System]** -> **[License]** to show the license status window.

Step 2. Click **[Click to register siteMAP function]**.



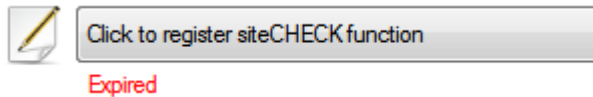
Step 3. **{Online registration}**, please follow step 2 to step 5 of online registration of **Register sureSIGHT Business** (Chapter 3.1).

Step 4. **{Offline registration}**, please follow Step 6 to Step 10 of offline registration of **Register sureSIGHT Business** (Chapter 3.1).

3.3. Register siteCHECK License

****Similar to Register sureSIGHT Lite/Business, reference to (3.1 Register sureSIGHT Lite/Business)*

Step 1. To register siteCHECK license, click [**Click to register siteCHECK function**].



Step 2. **{Online registration}**, please follow step 2 to step 5 of online registration of **Register sureSIGHT Lite/Business** (Chapter 3.1).

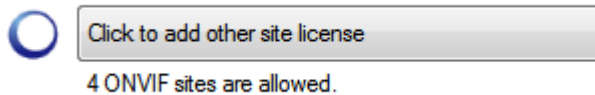
Step 3. **{Offline registration}**, please follow Step 6 to Step 10 of offline registration of **Register sureSIGHT Lite/Business** (Chapter 3.1).

3.4. Register Other Site License

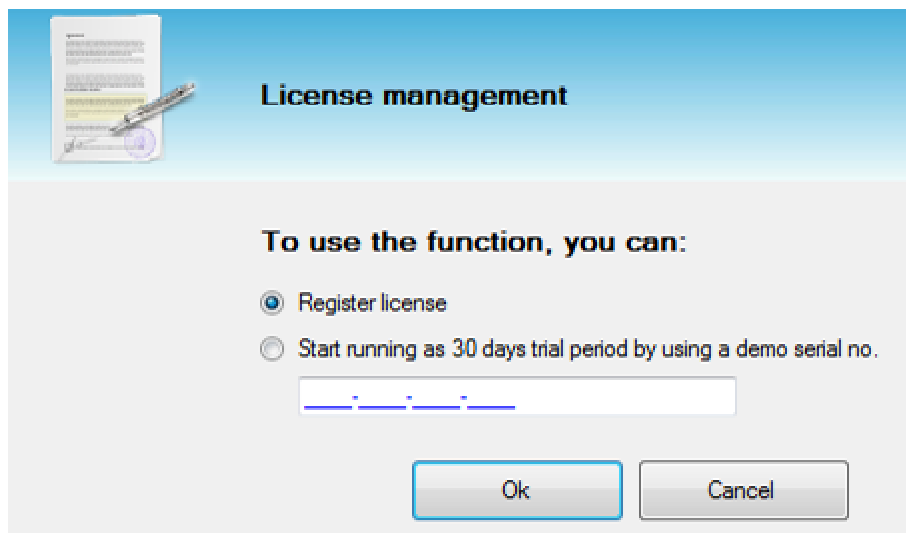
****Similar to Register sureSIGHT Lite/Business, reference to (3.1 Register sureSIGHT Lite/Business)*

****One other site license allow you to add 4 sites to the sureSIGHT.*

Step 1. To register other site license, click **[Click to add other site license]**.



Step 2. Select **[Register license]** and click **[OK]**



Step 3. **{Online registration}**, please follow step 2 to step 5 of online registration of **Register sureSIGHT Lite /Business** (Chapter 3.1).

Step 4. **{Offline registration}**, please follow Step 6 to Step 10 of offline registration of **Register sureSIGHT Lite/Business** (Chapter 3.1).

Step 5. The other site license is added. To add more other site license please repeat Step 1 to 4.

3.5. Register Flow Analysis license

Step 1. To register Flow Analysis license, choose “Video Analytic 1” tab and click **[Add demo code]**, **[Add 1 cam license]** or **[Add 4 cams license]**.

Step 2. Input Serial number and click [**Apply serial no**] button to generate an “Authorization Code”.

Step 3. **{Online registration}**, It is similar to step 2 to step 5 of online registration of **Register sureSIGHT Business/Lite** (Chapter 3.1).

Step 4. **{Offline registration}**, it is similar to Step 6 to Step 10 of offline registration of **Register sureSIGHT Business/Lite** (Chapter 3.1).

Step 5. Input Registration code and Analytics registration code. Then click [**Register**].

Step 6. The registration is finished.

3.6. Register intrusion detection, loitering detection, and unattended/missing object detection

Similar as registration of Flow analysis, each of the intrusion detection, loitering detection, unattended/missing object detection have three license types available, and are registered separately.

Three license types are available.

- **Demo**: Trial for 1 camera for 30 days.
- **1 cam license**: Support 1 camera for each license.
- **4 cams license**: Support 4 cameras for each license.

Remark:

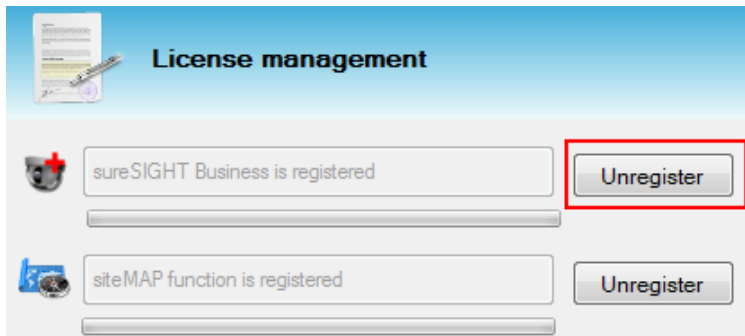
- The three analytic detections can be registered and applied on the same camera.
- However, Flow Analysis can only be used exclusively.
- Maximum of 16 camera, including Flow Analysis, can be enabled on a single sureSIGHT.

To register intrusion, loitering and unattended/missing object detection, it is similar to registering Flow Analysis. Please follow section 3.5, and choose the correct license type accordingly.

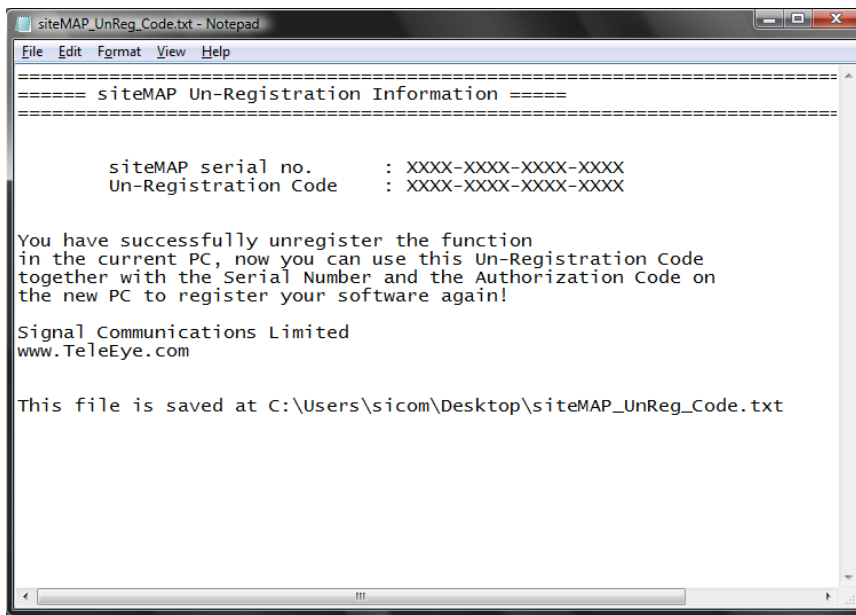
Re-install software in a new PC

To re-install the software in a new PC and keep the existing value-added modules, you should un-register the license and re-register it on the new PC. You can follow the step below:

Step 1. In **{License management}** windows, click **[Unregister]**



Step 2. A text file is shown, please backup the text file and the code on it.



```
siteMAP_UnReg_Code.txt - Notepad
File Edit Format View Help
===== siteMAP Un-Registration Information =====

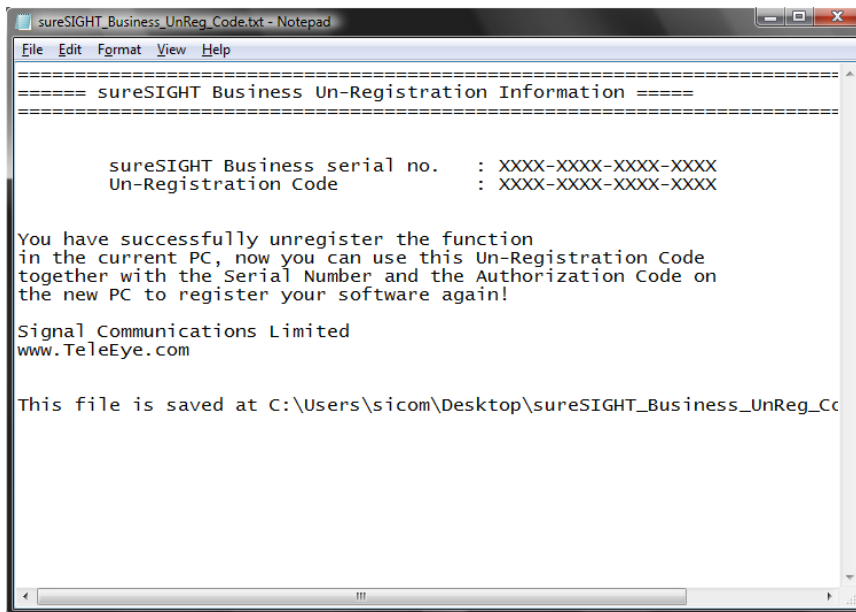
siteMAP serial no.      : XXXX-XXXX-XXXX-XXXX
Un-Registration Code    : XXXX-XXXX-XXXX-XXXX

You have successfully unregister the function
in the current PC, now you can use this Un-Registration Code
together with the Serial Number and the Authorization Code on
the new PC to register your software again!

Signal Communications Limited
www.TeleEye.com

This file is saved at C:\Users\sicom\Desktop\siteMAP_UnReg_Code.txt
```

Step 3. Repeat step 1-2 if another function/upgrade need to do.



```
sureSIGHT_Business_UnReg_Code.txt - Notepad
File Edit Format View Help
===== sureSIGHT Business Un-Registration Information =====

sureSIGHT Business serial no. : XXXX-XXXX-XXXX-XXXX
Un-Registration Code          : XXXX-XXXX-XXXX-XXXX

You have successfully unregister the function
in the current PC, now you can use this Un-Registration Code
together with the Serial Number and the Authorization Code on
the new PC to register your software again!

Signal Communications Limited
www.TeleEye.com

This file is saved at C:\Users\sicom\Desktop\sureSIGHT_Business_UnReg_Cc
```

Step 4. After installation in new PC, in **{License}** window, select **[Click to register sureSIGHT Business/Lite]**

Step 5. Select **[online registration]** and tick the **[Reregister license]**. Click **[Next]** to do the online re-registration. You can also choose **[offline registration]** and flow from step 8.

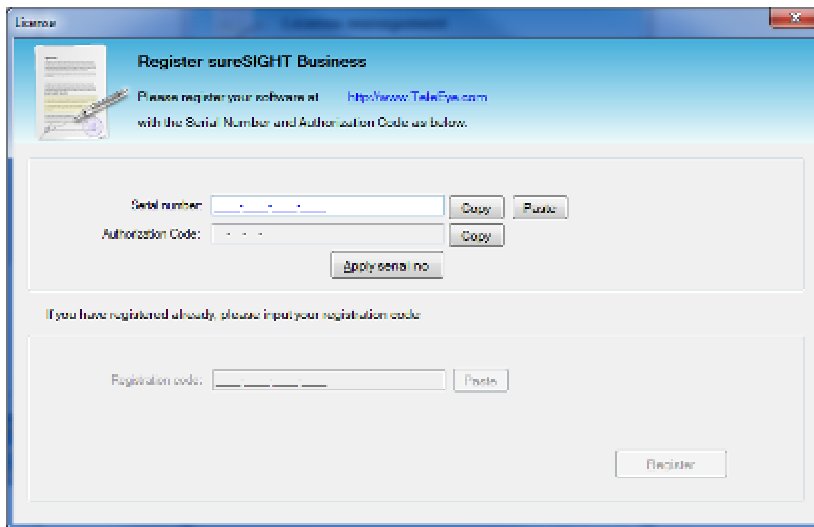


Step 6. **{Online registration}** Enter serial number and un-registration code. Click **[Register]** to process the re-registration.



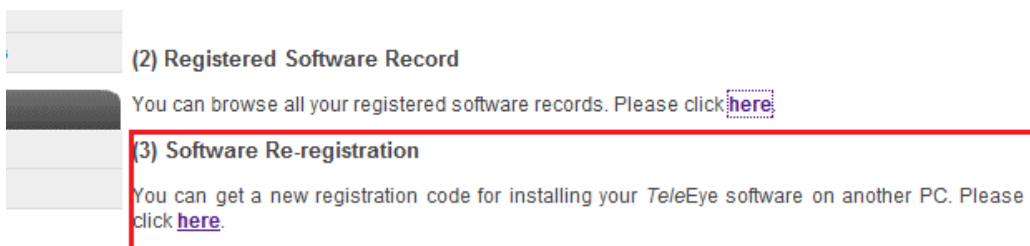
Step 7. **{Online registration}** Success message will be shown when re-registration completed.

Step 8. **{Offline registration}** Enter the Serial number in the **{License}** window, then click **[Apply serial no.]**, get the *New Authorization Code*.



Step 9. **{Offline registration}** Visit <http://www.TeleEye.com>. Find **[Customer Login]** button at the bottom of the homepage and click to enter the customer login form.

Step 10. **{Offline registration}** At the bottom, choose “Software Re-registration”, click **[here]**



Step 11. **{Offline registration}** Enter the Software Serial No, Un-registration Code and *New Authorization Code*.

*** *The New Authorization Code generate from Step 5*



4.sureSIGHT Working Environment

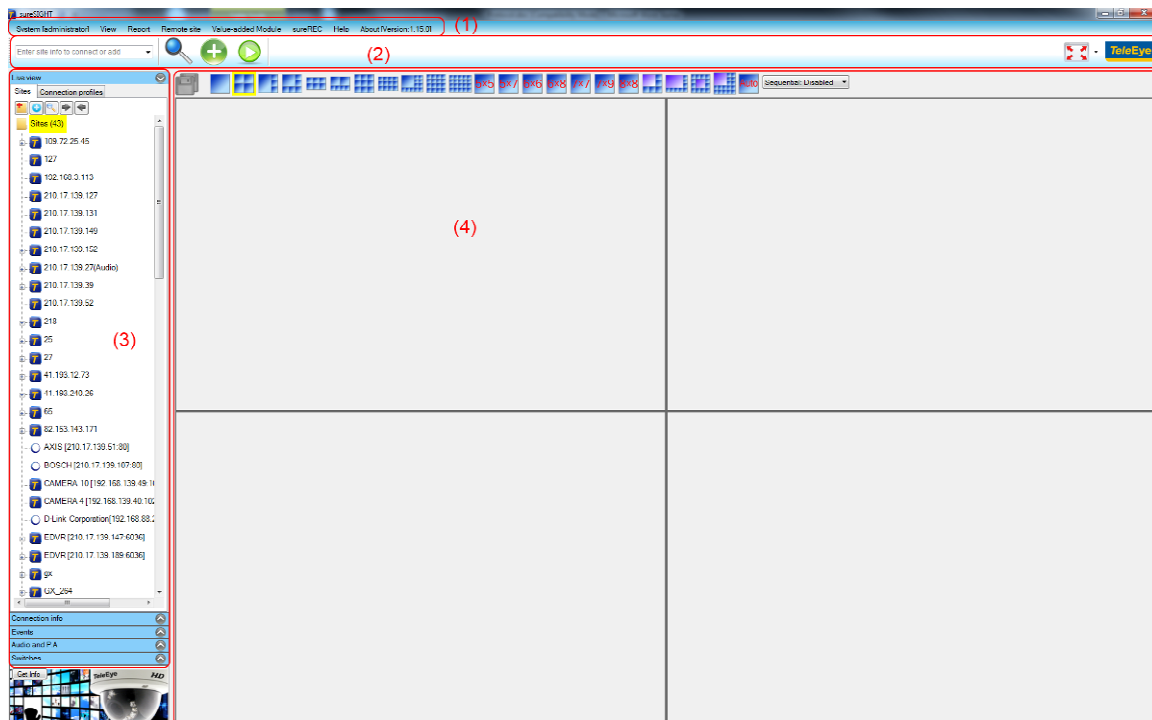
4.1. Login

For new installed sureSIGHT, the default user account support is disabled, so no login is required. To enable user account support please refer to Chapter 6.1.

If user account support is enabled, a login page is shown after starting up of sureSIGHT. To login sureSIGHT, input "Username" and "Password" to login to the system.

(Remark: The default password for the "administrator" is "000000")

4.2. Main panel

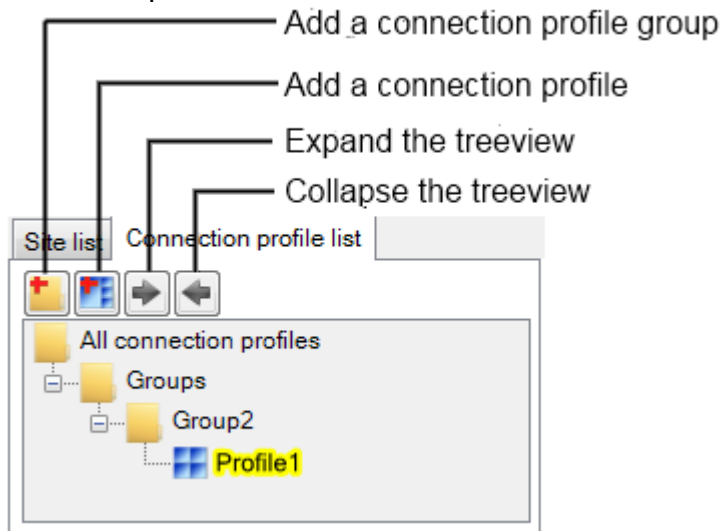


In {Main} window,

Panel	Name	Description
1	<u>Main menu</u>	The main panel to navigate most of the important function
2	<u>Main toolbar</u>	Show the most commonly used functions for quick action.
3	<u>Expandable panel</u>	Expandable panel include Connection profiles, Audio and Switch panel
4	<u>Live View panel</u>	Area to display the video

4.3. Expandable panel

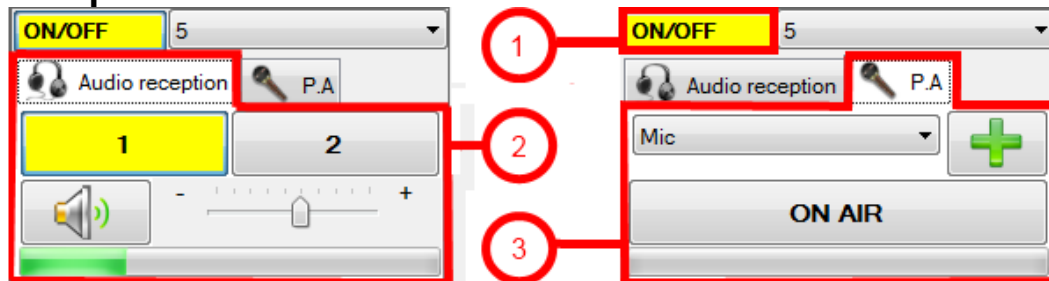
Connection profile list:



In {Site list} and {Connection profile list} window,

Panel	Name	Description
1	<u>Connection profile list</u>	List of connection profiles and groups
-		***The windows always on top when [Always on top] box clicked.

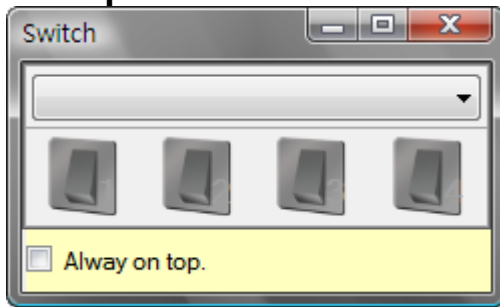
Audio panel



In {Audio} window,

Panel	Name	Description
1	<u>Audio enable</u>	To enable/disable audio of a site
2	<u>Audio Reception</u>	You can select the audio channel, and control the speaker volume through enabling the speaker function
3	<u>P.A & Pre-recording panel</u>	You can send a remote vocal to the site
-		***The windows always on top when [Always on top] box clicked.

Switch panel

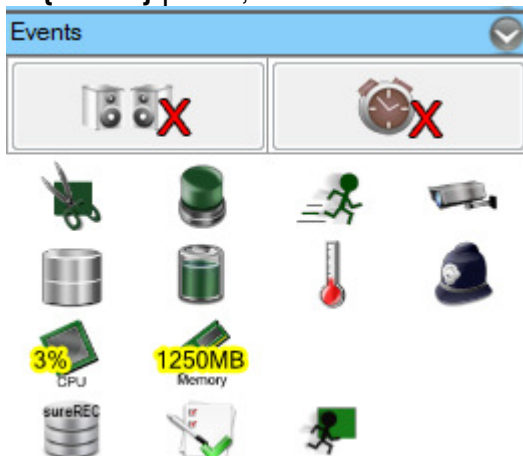


In {**Switch**} window,

Panel	Name	Description
1	<u>Switch panel</u>	It act as a graphical interface of the switch in remote sites
-		***The windows always on top when [Always on top] box clicked.





Event panel












In {**Event**} panel,



Different icons represent different events of the site connected

Global event status

Icon	Meaning
	Global system tamper event. Flash when event triggering.
	Global Alarm event. Flash when event triggering.
	Global motion event. Flash when event triggering.
	Global video loss event. Flash when event triggering.

	Global harddisk event. Flash when event triggering.
	Global power failure event. Flash when event triggering.
	Global over heat event. Flash when event triggering.
	Guard management event has been tampered
	PC CPU Usage. Flash when usage higher than 80%.
	PC memory usage. Flash when usage higher than 200MB.
	siteMATRIX lost event. Flash when siteMATRIX disconnected IS abnormally.
	Event is triggered in one or more siteMATRIXs. Flash when event triggering.
	sureREC event. Flash when event triggering
	siteCHECK event. Flash when event triggering
	Video analytic event. (Flow Analysis, intrusion detection, loitering detection, unattended/missing object event)

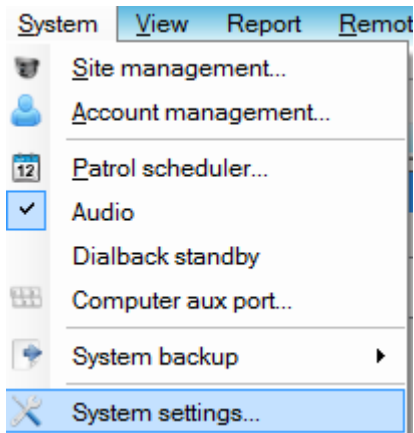
Connection panel

In {**Connection info**} panel,

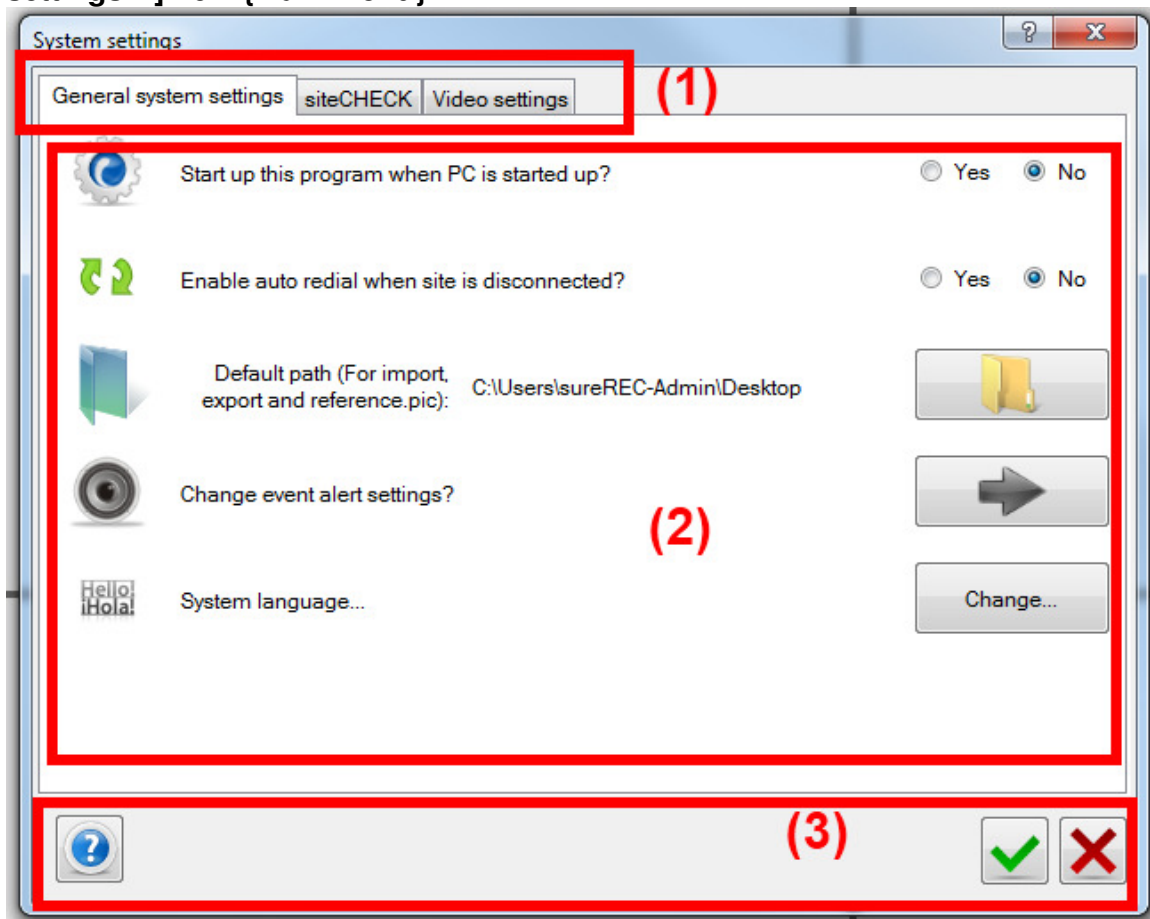
Connection info	
Site name	Events

4.4. sureSIGHT system settings

4.4.1. Working environment



To open the System settings window, you should select **[System]** -> **[System settings...]** from **{Main menu}**.



In **{System settings}** window,

Panel	Name	Description
1	<u>Category panel</u>	General settings/Video settings

2	<u>System settings panel</u>	List of general setting user can change
3	<u>Confirmation</u>	Setting will not take effect before the confirmation.


4.4.2. Program startup

When it is enabled, the sureSIGHT will be started up automatically when restart PC.

4.4.3. Auto redial

When it is enabled, the sureSIGHT will reconnect the sites that are disconnected unexpectedly, normally it is due to network problem.

4.4.4. Default path

To set the default storage path for import/export, footage extraction and reference picture, etc. click , and browse for a folder for storage.

The path will show on **{System settings panel}** when success.



Default path (For import,
export and reference.pic):

C:\Users\sureREC-Admin\Desktop

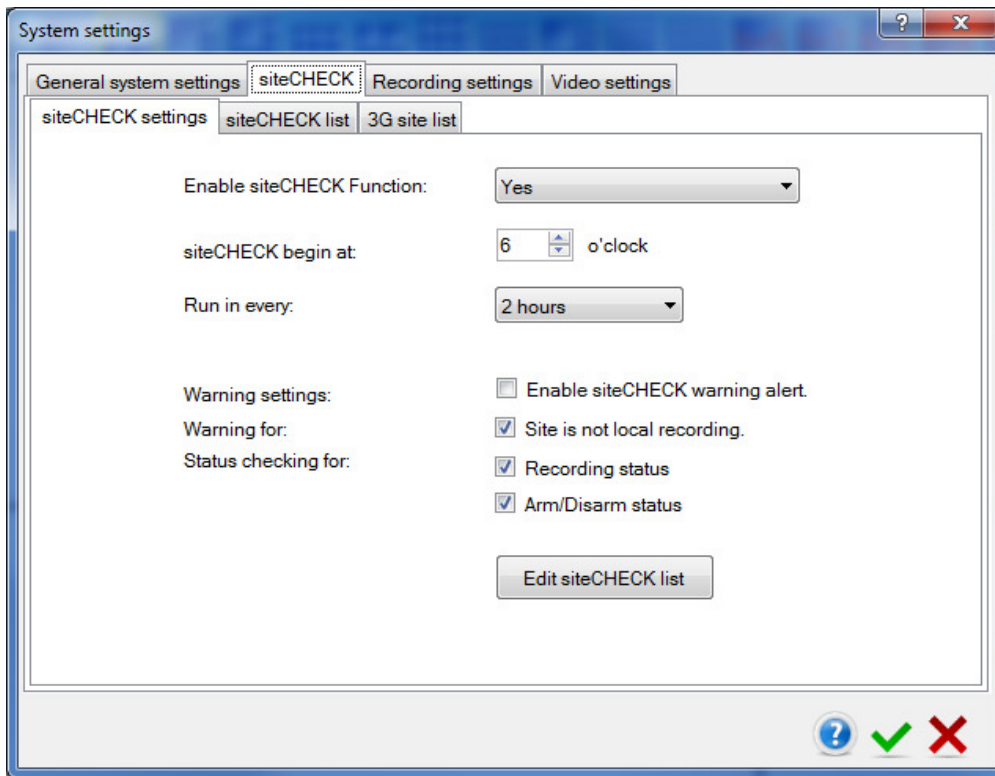


4.4.5. Event alert settings

Click to enable/disable event alert sound.

4.4.6. siteCHECK settings

Step 1. To modify the setting, go to **[System]** -> **[Settings]** -> **[siteCHECK]**.



Step 2. You can enable or disable siteCHECK function, set the start time and time interval. You can select pre-set time interval or customize the site interval.

Step 3. You can enable siteCHECK warning, siteCHECK warning alert and status checking.

Enable siteCHECK warning alert. : Alert users when siteCHECK result with warning.

Site is not local recording. : Tick to enable warning for site that is not currently local recording.

Recording status: Check sites recording status.

Arm/Disarm status: Check sites arm/disarm status.

Step 4. To edit siteCHECK list, you can click [**siteCHECK**] tab and click [**siteCHECK list**] tab. Click the check box in the front of the site name to change the selection status.

Step 5. To edit 3G site list, you can click [**3G site list**] tab. Click the check box in the front of the site name to change the selection status.

For 3G network sites, the number of connection retry will be tripled when a site failed to be connected.

Step 6. Click [] button to save the modification.

 Please refer to **section 16.1** for siteCHECK result checking.

4.4.7. Default live video view layout

In **[Video settings]** Tab, you will be able to make change of video settings.

It will make the default video view changed when logged in sureSIGHT.

Click the Options icon, the live video view list is shown,

Select a suitable video view, the icon on **{System settings panel}** when setting is successful.

4.4.8. Language

The default language to be displayed of sureSIGHT is English, to change the language to be displayed, you should select **[System]** -> **[System settings...]** -> **[General system settings]** -> **[System language...]** from **{Main menu}**.

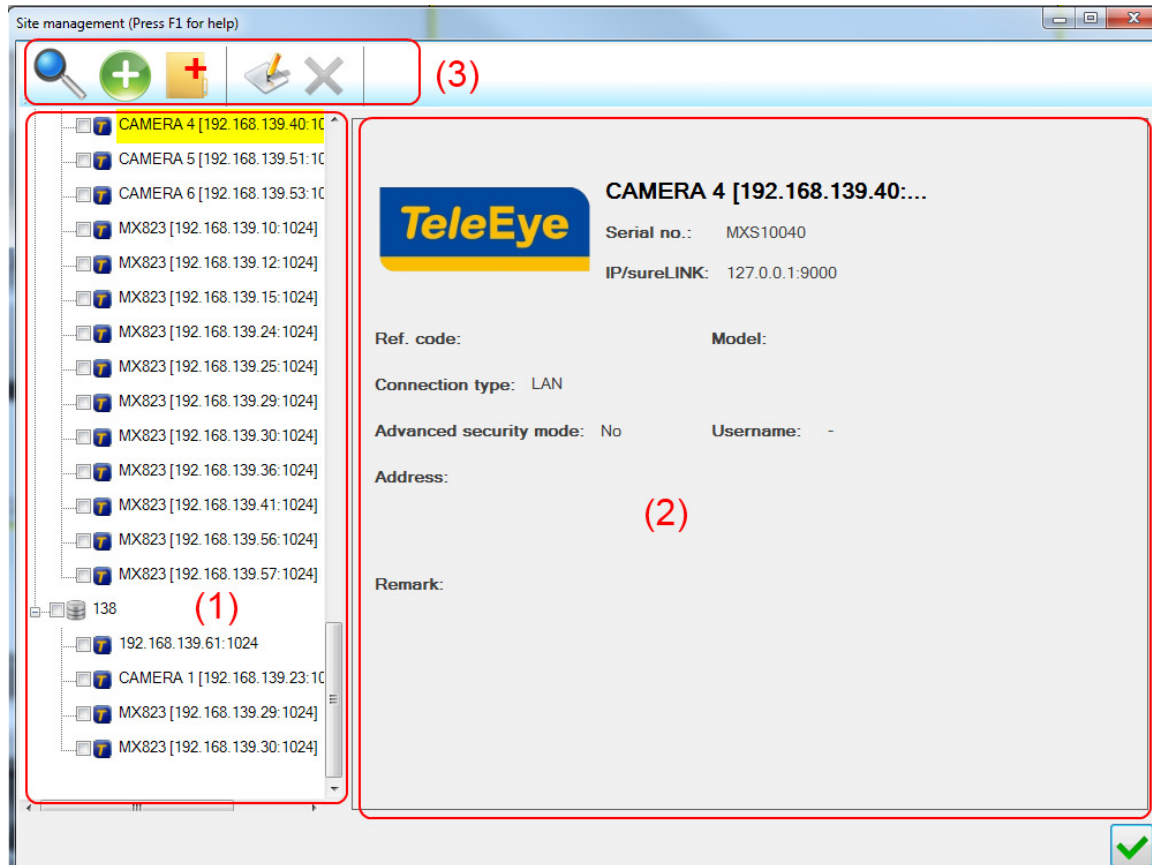
In **{Language selection}** window, select the language from the drop down menu, the language to be display will be changed after restart sureSIGHT.

5. Site management

sureSIGHT allows you to manage the site information.

To open the Site management window, you should select **[System] -> [Site Management...]** from **{Main menu}**.

5.1. Working environment



In **{Site management}** window,

Panel	Name	Description
1	<u>Site list</u>	The group/site have been added to the system.
2	<u>Information panel</u>	Information about the selected group/site.
3	<u>Control panel</u>	Contain buttons for site management function.

5.2. Add sites

5.2.1. Add site manually

5.2.1.1. Add site manually

To add a new site, follows the steps below

Step 1. In **{Site management}**, click [] button or right click in the space of Site list and select [**Add site manually**].

Step 2. **{Connect or Add site}** dialog is shown.

Step 3. Select Site types.

Step 4. Input basic camera information such as Site name, Connection type, IP/sureLINK, Username and Password.

**** Site name and IP/sureLINK cannot be duplicated with other sites added in sureSIGHT.*

Step 5. For JN/VN, If you want to add the site via P2P, select [**P2P**] in Connection type and input the MAC.

**** MAC is the MAC address of the JN/VN (Login to the JN/VN and go to Main Menu → Information → Network to check the MAC address).*

Step 6. Click [**Other information >>**] to input additional information.

****Serial number and Registration code are required if registration checking is enabled.*

Step 7. Click [**OK**] button to save the site.

5.2.1.2. Alternative way to add a site

Step 1. Two methods are available to add a site in **{Main Panel}**.

**** The following steps support adding a site and connecting a site. If you input IP that has been added to site list, the site will be connected. But, if you input new IP, you can add the site and it will be connected automatically.*

Method 1:

You can click [] button on **{Main panel}**

Enter site info to connect or add

Method 2: Input IP in [], Then click [Enter].

Step 2. A dialog to connect or add a site is shown.

Step 3. Input IP that has not been added to site list. The remaining steps it will be similar to **Chapter 5.2.1 "Add site manually"**.

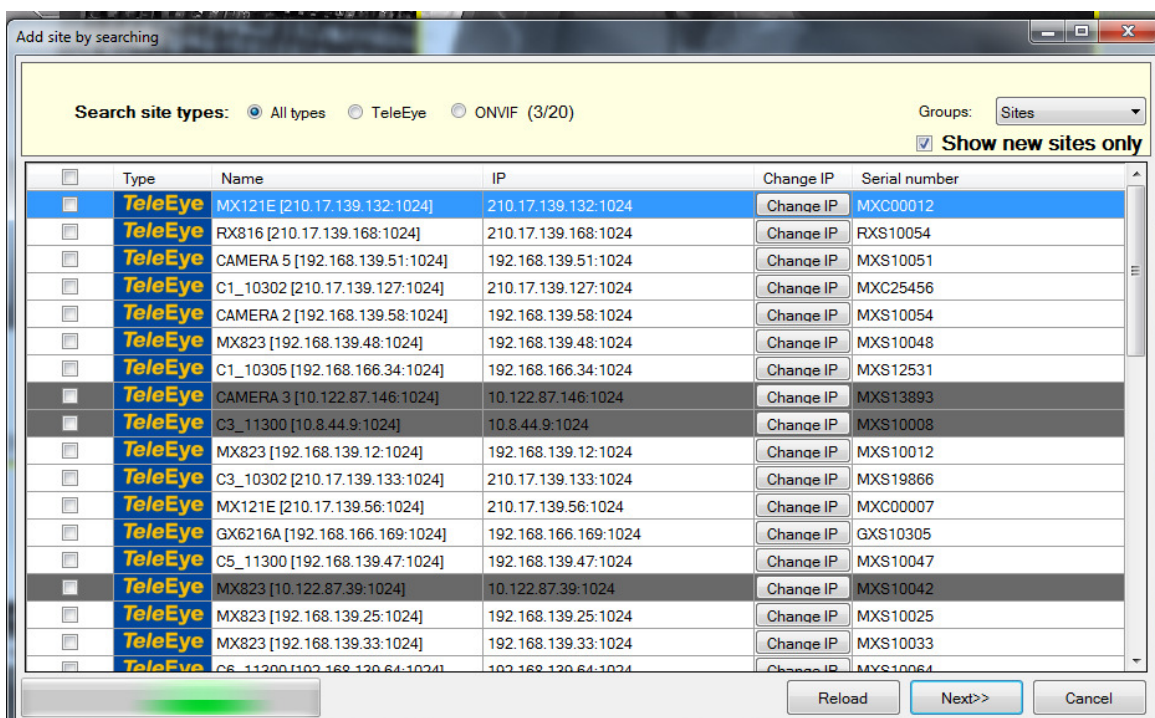
5.2.2. Add site by searching

To add new sites, follows the steps below



Step 1. In **[site management]**, click [] button.

Step 2. The searched sites are shown.



[Show new site only]: Search the sites that are not added.

[Group]: Select user group for the selected sites.

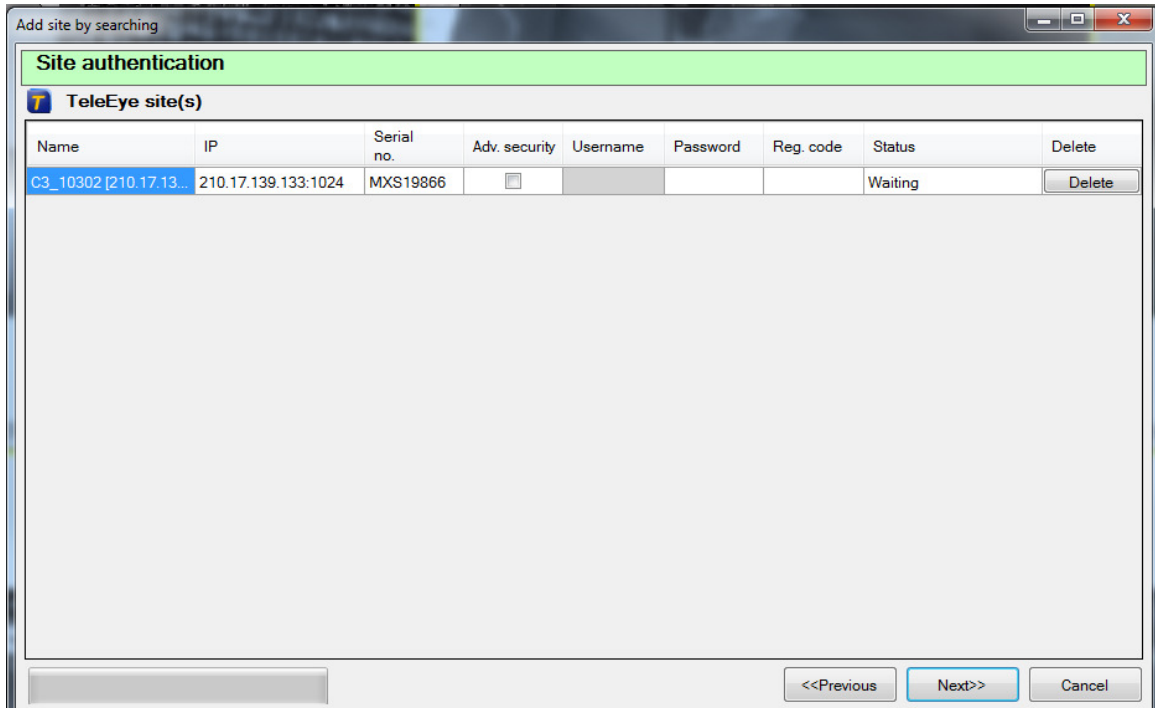
Step 3. Select sites and click **[Next>>]**.

Step 4. Input connection details for TeleEye sites such as username, password. Then click **[Next>>]**.

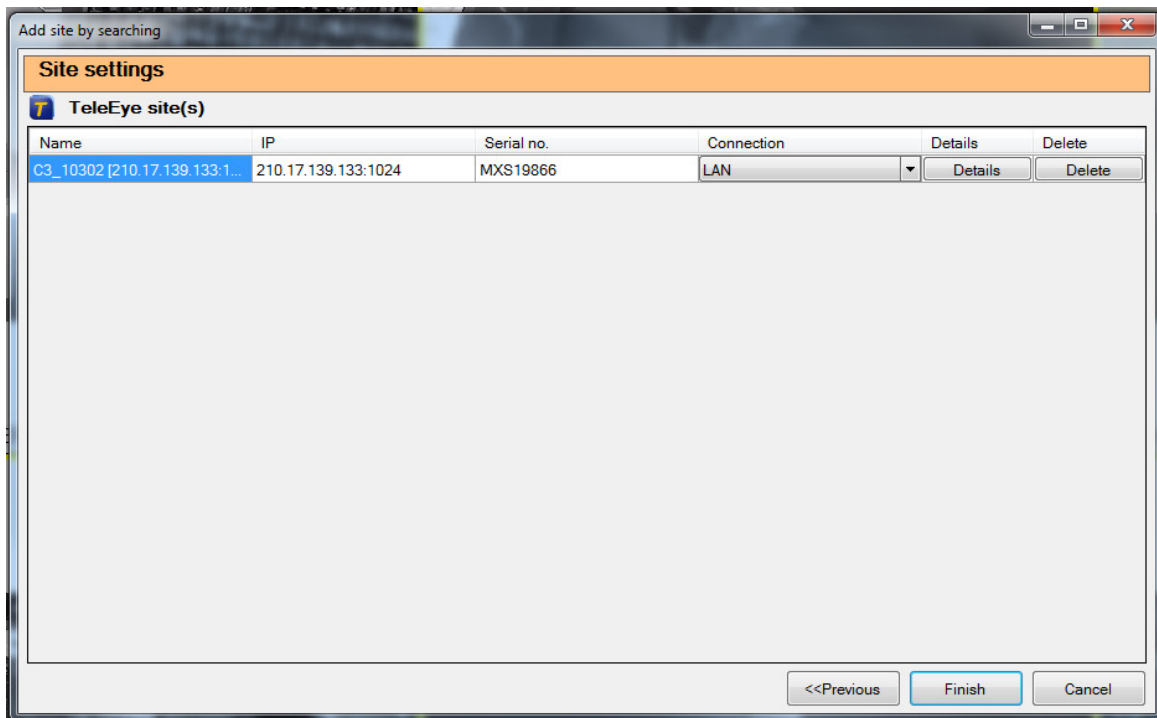
***For using “Advanced security” mode, please refer to **Appendix 25.4 Security mode**.

Step 5. The sites that are authenticated successfully will be highlighted in green. Otherwise, it will be highlighted in red.

If any site failed for authentication, a message will be popped up, you can click **[Yes]** button to skip these failed sites, or click **[No]** button to stay in current page to edit the connection details.



Step 6. If you want to edit configuration details, click **[Details]** button. The configuration details edit dialog is similar to **Chapter 5.2 Add sites**.



Step 7. Click **[Finish]** to add sites.

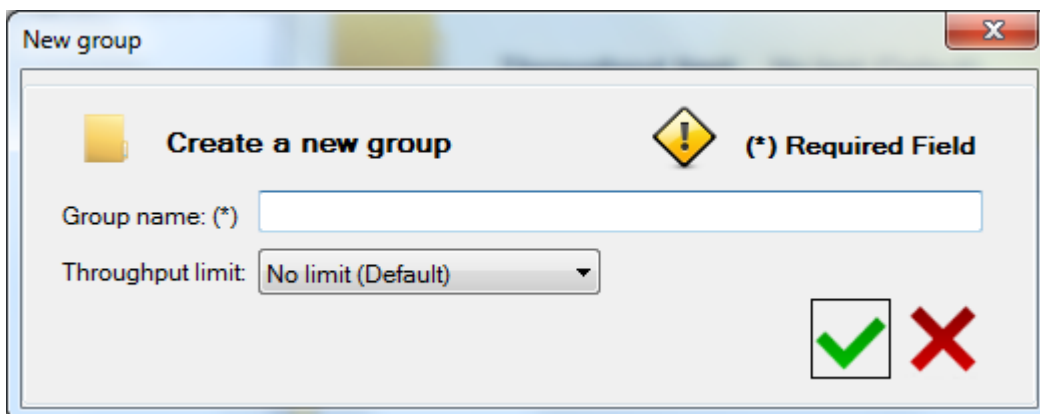
5.3. Add a group

To add a new group, follows the steps below


Step 1.

Click [] button on the ***{Site management}*** or click right button in the ***Site list*** and select **[Add a group]**.

Step 2. **{New group}** Dialog box shown, you are required to input a unique group name.



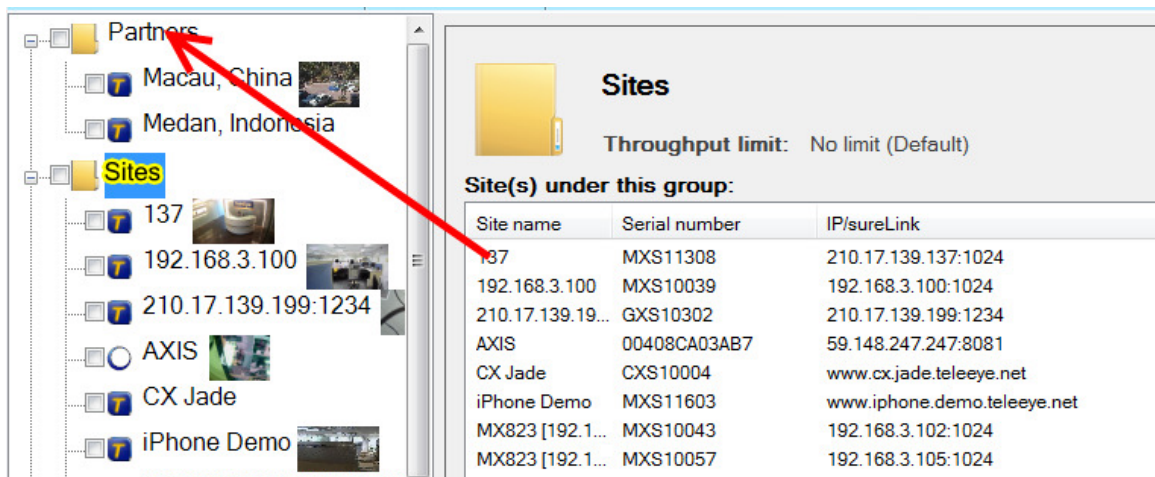
Step 3. Then select throughput limit for this group.

Step 4. Click [] button to save the group information.

5.4. Site grouping

After adding a set of site and group, you can group the site by **Drag & Drop** in the site management dialog box which can help you to organize the sites into group for monitoring

Select a Group, the site member will be shown in *Information panel* and drag the site into the group folder directly.



The screenshot displays a site management interface. On the left is a tree view with folders 'Partners' and 'Sites'. The 'Sites' folder is selected and highlighted in blue. Below it are several site entries: '137', '192.168.3.100', '210.17.139.199:1234', 'AXIS', 'CX Jade', and 'iPhone Demo'. On the right is the 'Information panel' for the selected 'Sites' group. It shows a yellow folder icon, the title 'Sites', and the text 'Throughput limit: No limit (Default)'. Below this is a table titled 'Site(s) under this group:'.

Site name	Serial number	IP/sureLink
137	MXS11308	210.17.139.137:1024
192.168.3.100	MXS10039	192.168.3.100:1024
210.17.139.19...	GXS10302	210.17.139.199:1234
AXIS	00408CA03AB7	59.148.247.247:8081
CX Jade	CXS10004	www.cx.jade.teleeye.net
iPhone Demo	MXS11603	www.iphone.demo.teleeye.net
MX823 [192.1...	MXS10043	192.168.3.102:1024
MX823 [192.1...	MXS10057	192.168.3.105:1024

5.5. Edit a site

Follow the steps below to edit site information.

Step 1.

Method 1.

In **{Site management}**, click **[Edit]** button or right click the site in Site list and select **[Edit]**.

Method 2.

In Main Panel, right click the site in Site list and select **[Edit site]**.


Step 2. You can edit information of the site.

Step 3. After finished, click **[OK]** button to save the site information.

5.6. Edit a group

Follow the steps below to edit a group.

Step 1. In **{Site management}**, select a group to edit, and click **[Edit]** button or right click the group in Site list and select **[Edit]**.

Step 2. You can change the name of the group, when finished, click [] button to save the group information.

****The group "Sites" cannot be edited*

5.7. Remove a site

Follow the steps below to remove a site.

Method 1.

In **{Site management}**, select site to delete, and click [] button.

Method 2.

In Main Panel, right click the site in Site list and select **[Delete site]**.

5.8. Remove a group

To remove an existing group, select one of the groups from Site list and then click **[Delete]** button by right click or click **[Delete]** on **{Site management}**. System will require you to confirm the operation.

5.9. Search for a site

If there are a lot of sites have been added in the site list, it's difficult to search for a site manually, you can use the search method to select a site.

To search for an added site, follows the steps below

In {Site management} dialog

Step 1. Click **[Search a site]** button on the ***{Site management}***,

Step 2. You are required to input a keyword for searching.

Step 3. Click **[Search]** button to start search.

Step 4. Based on the Filter selected, the result will be shown in *Result* box.

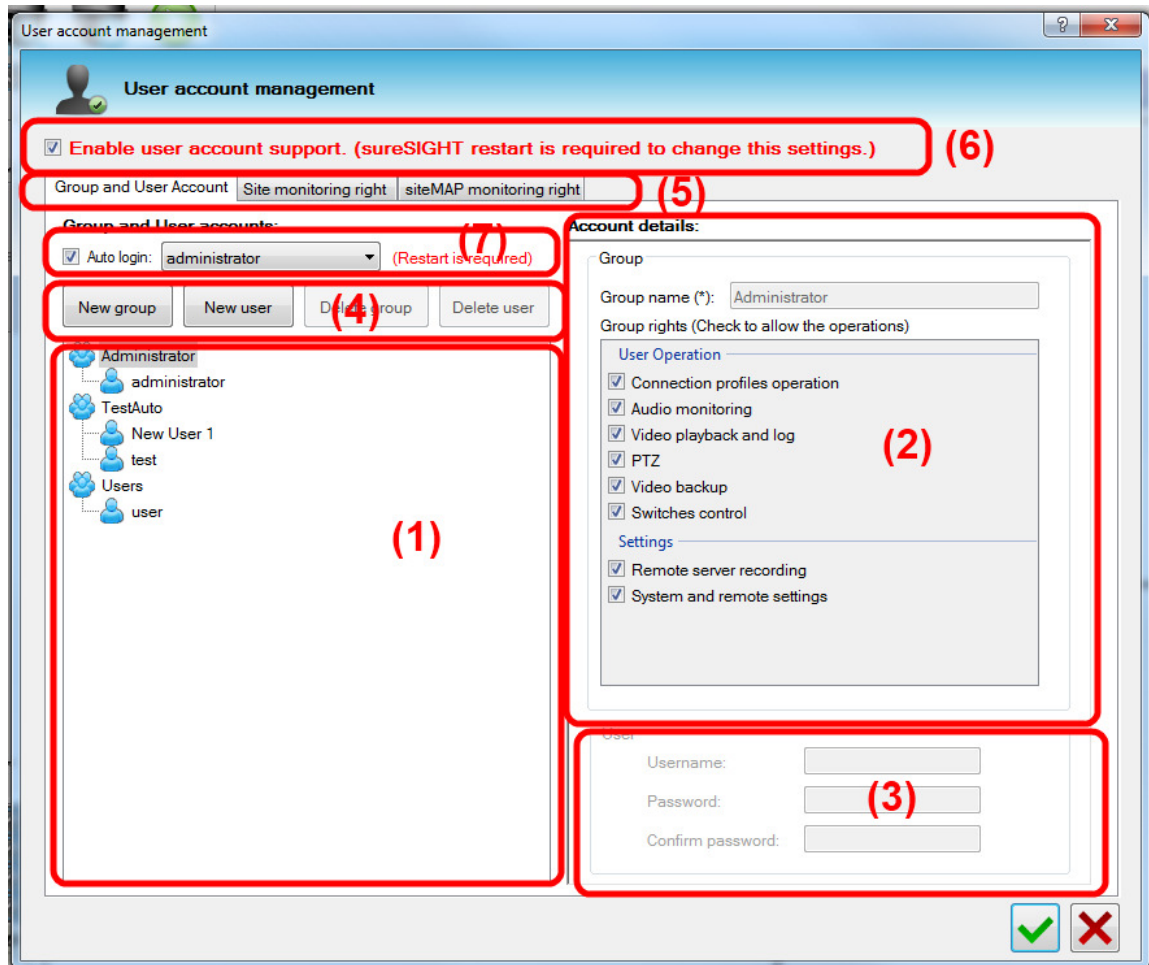
Step 5. Select the site you want then click **[Close]**.

6.Account management

**Only Administrator group users are allowed to manage user account, before the following account management task, please login as administrator group users first.

To open the Account management windows, you should select **[System]** -> **[Account Management...]** from **{Main menu}**.

Working environment



In {User account management} dialog box,

Panel	Name	Description
1	<u>Account list</u>	The list of User account according their group added to the system
2	<u>Group panel</u>	Account details box show the rights of Group
3	<u>User panel</u>	User details include user name and password
4	<u>Control Panel</u>	Contain buttons for account management function
5	<u>Tab panel</u>	Group and User Accounts, Site monitoring right and Sitemap monitoring right.
6		Enable/Disable user account support
7	<u>Auto login</u>	Enable/disable auto login function.

6.1. Enable user account support

***The default user account support is disabled.

If the user account support is disabled, no login is required.

To enable user account support, tick **[Enable user account support (sureSIGHT restart is required to change this settings.)]**

6.2. Enable auto login

If you want sureSIGHT to login to a specified user when startup, you can click **Auto login:** and select a user.

6.3. Add a group

To add a new user group, follows the steps below

Step 1. In Control Panel, click **[New group]** button or right click in the space of Account list and select **[New group]**.

Step 2. A new group form in Account list, you can rename the group in a unique name in Group panel.

Step 3. Under Group Panel, administrator can permit the function to group of user (Hints: There a tool tips for you when mouse hold on the functions)

Step 4. Click **[OK]** button to save the group setting

6.4. Add a user

To add a new user, follows the steps below

***The new user under the group will gain the permit of that group.

Step 1. In Account list, select a group of user, then click **[New user]** button in Control Panel or right click in the group of Account list and select **[New user]**.

Step 2. A new user form in Account list, administrator can rename the user and his password in a unique name in User panel.
(***Remark: Default password for all new user is 000000)

Step 3. Click **[OK]** button to save the user setting

6.5. Change user name or password

To Change user name or password of a user, follows the steps below
Administrator does not need to know the user password.

Step 1. In Account list, select a user, type in the new user name and password under User panel.

Step 2. Click **[OK]** button to save the user setting

Delete a group

To delete a user group, follows the steps below

Step 1. In Account list, select a group of user, then click **[Delete group]** button in Control Panel or right click in the group of Account list and select **[Delete group]**.

Step 2. A warning message prompt and ask you to remove the group or not. Click **[yes]** to continuous.

(***Remark: all of the user under the group must be removed before this step)

6.6. Delete a user

To delete a user, follows the steps below

Step 1. In Account list, select a user, then click **[Delete user]** button in Control Panel or right click the user in Account list and select **[Delete user]**.

Step 2. A warning message prompts and asks you to delete the user or not. Click **yes** to continuous.

6.7. Assigning group right

To Change the right of a user group, follows the steps below

Step 1. In Account list, select a group and choose the right hope to assign to user under Group panel.

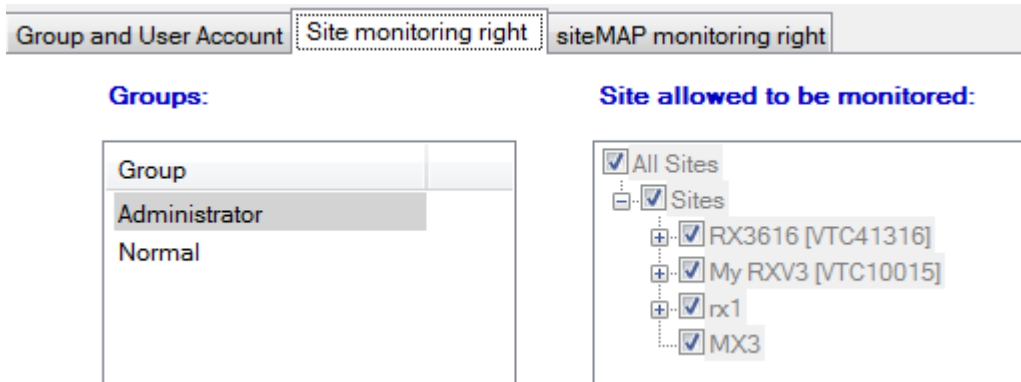
Step 2. Click **[OK]** button to save the user setting

***All of the user under the group will update their right at the same times

6.8. Assigning site monitoring right

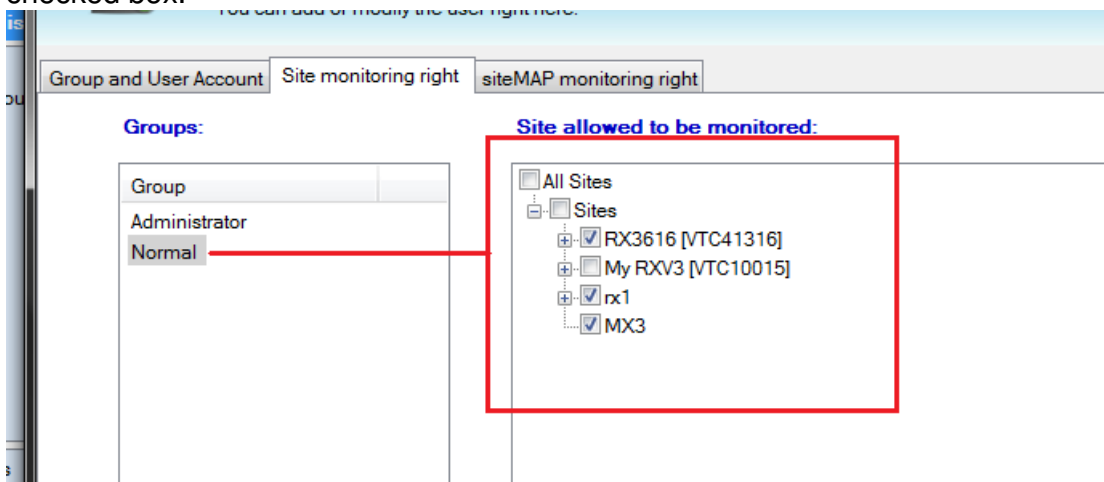
To change the right of site monitoring follows the steps below

Step 1. In Tab panel, select "Site monitoring right".



Step 2. In Group List, Choose an user group

Step 3. The selected user will be assigned for the site monitoring right to the sites with checked box.



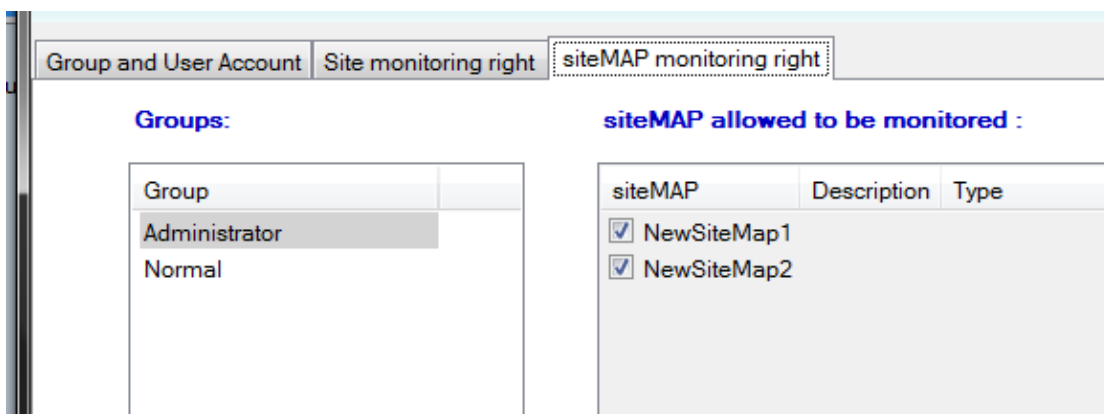
Step 4. Click **[OK]** to save the setting and exit

****Administrators cannot assign the right of site monitoring for themselves*

6.9. Assigning siteMAP monitoring right

To change the right of site monitoring follows the steps below

Step 1. In Tab panel, select “siteMAP monitoring right”.



Step 2. In Group List, Choose an user group

Step 3. The selected user will be assigned for the site monitoring right to the siteMAP with checked box.


Group and User Account | Site monitoring right | **siteMAP monitoring right**

Groups:

Group
Administrator
Normal

siteMAP allowed to be monitored :

siteMAP	Description	Type
<input checked="" type="checkbox"/>	NewSiteMap1	
<input checked="" type="checkbox"/>	NewSiteMap2	

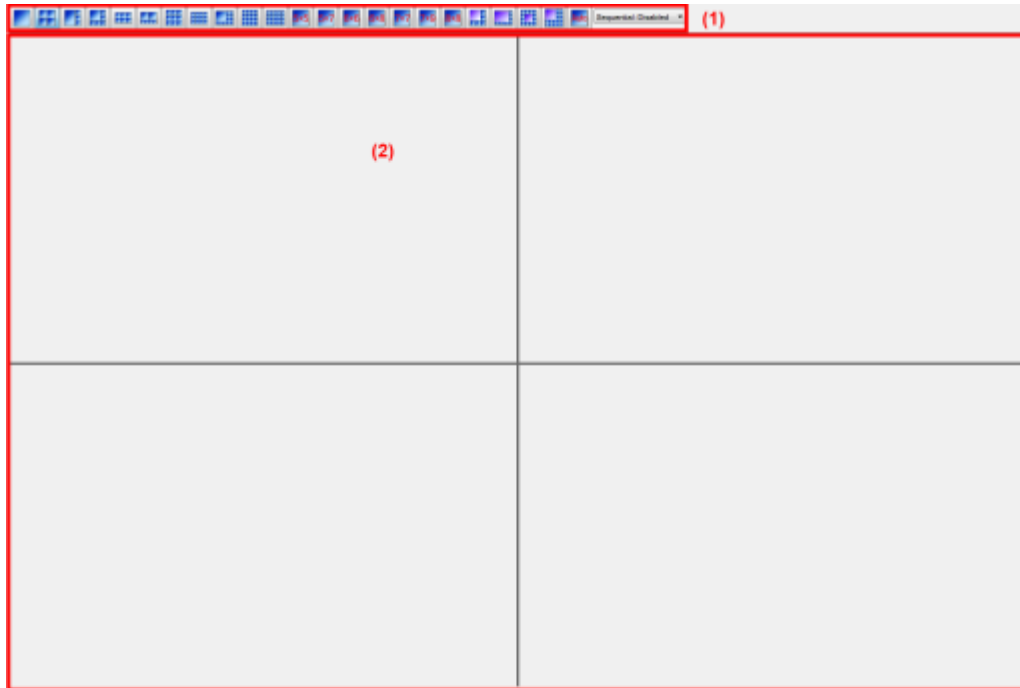
Step 4. Click [] to save the setting and exit

*****Administrators cannot assign the right of siteMAP monitoring for themselves**

7. Remote Live Monitoring

Remote live monitoring system is multi-sites monitoring system. sureSIGHT Lite/Business can support 16 to 64 cameras from difference sites.

7.1. Working environment



In *Live View panel*

Panel	Name	Description
1	<u>Video view selection panel</u>	Layout image button for change the layout of Camera frame area
2	<u>Video display panel</u>	A sizeable area to show the camera frames.

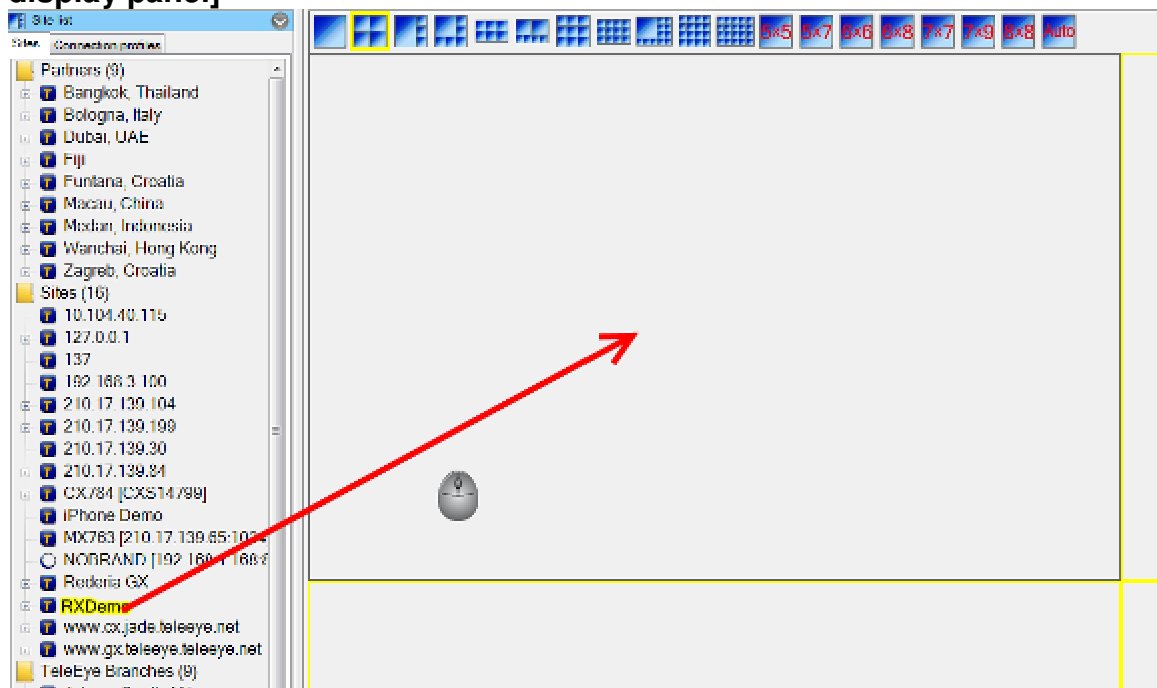
7.2. Connect a site, camera or group

To connect a remote site, camera or group, you must setup the site list first. Refer to the chapter 4 for setting up a site list.

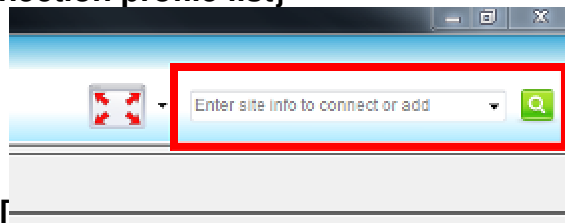
You can build up a connection profile to **{Connection profiles list}** by the added site. Refer to chapter 8 for detail.

After setting up the **{Connection profiles}** and site list, you can connect a camera to **[Video display panel]** by the following me:


1. Dragging a site, camera or group from **{Connection profiles}** to a **[Video display panel]**



2. Double click a site, camera or group on **{Site list}**
3. Double click video view on **{Connection profile list}**



Input site name or IP address in [] and click **[Enter]** in **{Main Panel}**, Then, Click **[OK]** button to connect.

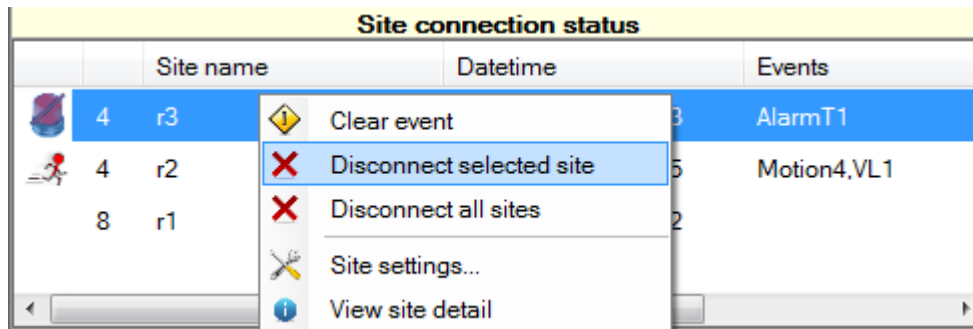
4. Click [] in **{Main Panel}**, then input IP that already added to site list. Then, Click **[OK]** button to connect.
5. Right click a site, camera or group on **{Site list}**, then click **[Connect]** or **[Append to the end]**.

Connect: Disconnect all other sites, and then connect to the target sites.
 Append to the end: connect and append target sites and keep all current site connections.

7.3. Disconnection

The selected camera can be disconnected by selecting the **[Remove cam]** button on the right-click menu of a **[Video display panel]**.

Disconnect a site can be done by selecting the **[Remove all camera of selected site]** on the right-click menu of **[Video display panel]** or selecting the **[Disconnect selected site]** on the right click menu in site connection status table.



Site connection status			
	Site name	Datetime	Events
4	r3		AlarmT1
4	r2		Motion4,VL1
8	r1		

Disconnect all sites can be done by selecting the **[Remove all site]** on the right-click menu of **[Video display panel]** or selecting the **[Disconnect all site]** on the right-click menu in **{site connection status}** table. Apart from that, it can be done by



selecting the **[X]** main menu button.

7.4. Camera frame operation

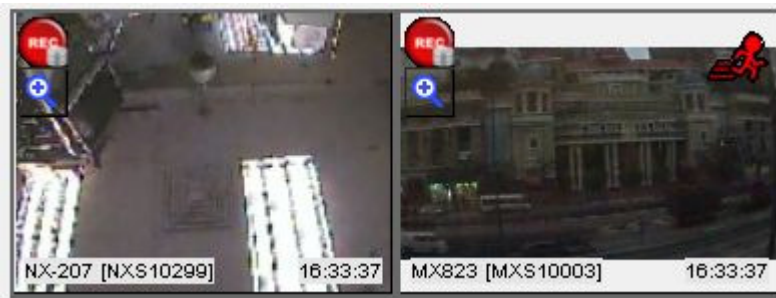
Changing camera frame layout

Selecting the layout button can change the layout of camera frame. The distribution of the frame is the same as the layout button.

Double click **[Video display panel]** can enlarge the selected **[Video display panel]** to single frame layout. Double click again can restore to the original layout.

Swapping videos

[Video display panel] allows camera frame swapping by dragging a **[Video display panel]** to another **[Video display panel]**.



Full screen

Select the **[Full screen]** on the right-click menu of **[Video display panel]** or select it on the main menu button can enlarge the **[Video display panel]** to full screen mode.

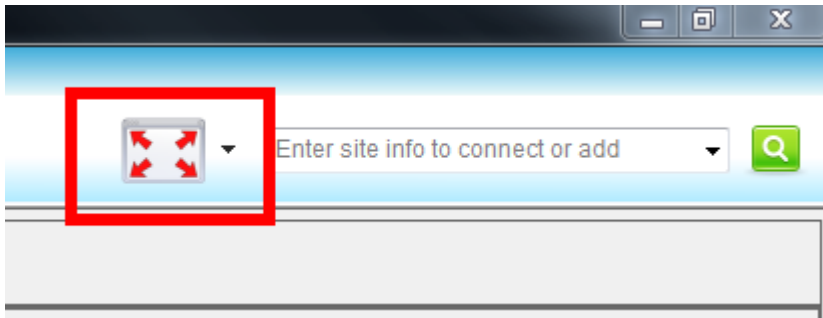
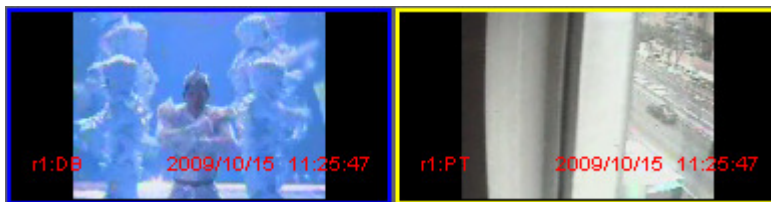


Figure 7-1 full screen button on the main menu

7.5. Frame border status

Swapping videos

When dragging a camera frame to another camera frame, the border of original camera frame shows blue color and the target camera frame shows yellow color.



Selecting the site/camera

When selecting a site on the **{site connection status}** table. All the border of the camera frames of the site will show yellow color.

When selecting a camera frame on the **{camera frame area}**, all of the camera frame of the site will show yellow color if the site is different from previous one. Otherwise, the yellow color border will be shown on the selected camera only.



Error when connecting site

Red camera frame border color will be shown when there is error on connecting site.

7.6. Auto redial

Auto redial function can be enabled at the path of **[system]** -> **[system setting]** -> **[General system settings]** tab.

7.7. Global video quality





In sureSIGHT, you are allowed set the video quality to fulfill their network throughput. To set the video quality, you can follow the step below:

Select **[View]** -> **[Global video quality]** from **{Main menu}**.

Then select the quality standard for your Video

Excellent > Good > Medium > Fair > Low. Lower level of video selected, less network throughput required for the computer.

7.8. Sequential mode

If the video panel layout is , ,  or , and total connected camera is more than total camera that panel can be displayed. In the case, a partial of video can be viewed. When Sequential mode is enabled, the video panel will display next set of video automatically.

Follow the steps below to enable Sequential mode.

Step 1. Select **[View]** -> **[Sequential mode]** from **{Main menu}**.

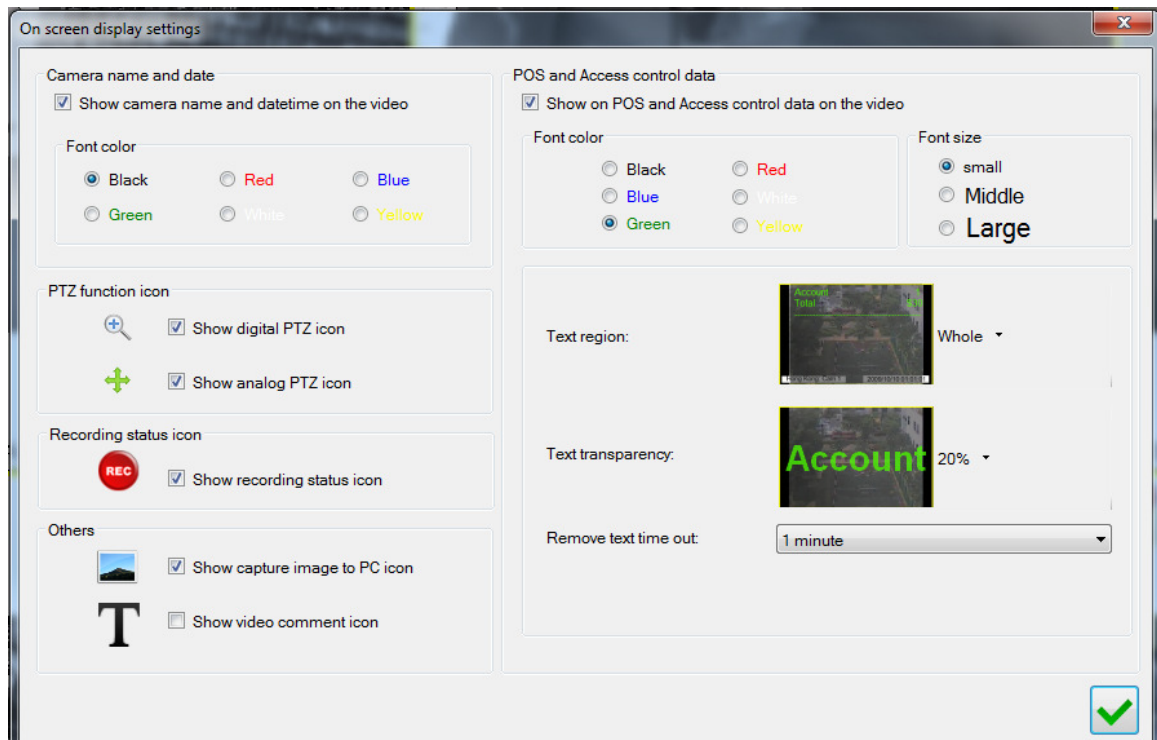
Step 2. Disabled or select time interval for Sequential mode.

**** you can also click same panel layout icon to switch to next set of video manually.*

7.9. On screen display settings

Step 1. To change the text display and text color settings, you should select **[View]** -> **[On Screen display settings...]**

Step 2. The **{On screen display setting}** window is shown.



➤ To set the POS and Access control data

In **POS and Access control data** box, click **[Show on POS and Access control data on the video]** to allow display of the POS data

- Color: Color of the POS message
- Font Size: Size of the font appear on the screen
- Text Region: The alignment of the text appear on screen
- Text Transparency: The transparency of the text show on the screen
- Remove message time out: The waiting time for the received message remove.

➤ To set the camera name and date display

In **Camera name and date** box, click **[Show camera name and datetime on the video]** to show the camera name and datetime, the display of text will change as below.



- **PTZ function icon**
Check the checkbox to enable display that icon on the screen.
- **Recording status icon**
Check the checkbox to enable display that icon on the screen.
- **Others**
Check the checkbox to show capture image to PC icon on the LIVE video.
- **Event status**
Check the checkbox to enable show color to indicate event on LIVE video.

7.10. Video settings

Video setting function allows you to adjust the properties of the videos. Different camera has different properties.

All properties list below:

- Brightness/Contrast/Saturation
- Mirroring
- Exposure
- White balance
- Flickerless control
- Iris control
- Sharpness
- Sense up

****The basic unit of video properties is site. In the other words, changing a video setting of a selected camera will apply that setting to all cameras at the site.*

To access the video setting window, click **[video setting...]** on the right click menu of a **[Video display panel]**.

Brightness/Contrast/Saturation

You can adjust brightness, contrast and saturation. The live camera view will be instantly changed by adjustment.

Mirroring

You can flip the view. The live camera view will be instantly changed by adjustment.

Exposure

You can adjust the exposure to longer and shorter. The live camera view will be instantly changed by adjustment.

White balance

You can select auto adjust, indoor and outdoor white balance adjustment. The live camera view will be instantly changed by adjustment.

Flickerless control

You can adjust auto flickerless control, flickerless control within 50Hz or 60 Hz. The live camera view will be instantly changed by adjusting.

Iris control

You can adjust the iris of the camera. User should check the box of auto adjust before they set the DC level. DC level higher, the image will be brighter. You can also adjust the auto iris sensitivity level.

Sharpness

You can adjust sharpness of the image. The live camera view will instantly change by adjusting.

Sense Up

You can enable sense up feature to extent exposure time in low light environment.

7.11. Video Display Module

sureSIGHT supports two video display modules: Direct3D and GDI. The selection between Direct3D and GDI depends on computers. Basically, most computers support GDI, however, Direct3D gives you a better video quality. For the computers that do not support Direct3D the default setting is GDI. However, some computers may not completely support Direct3D. In this case, GDI is recommended to be used. If the video quality is not good enough, one of the possible reasons is that the computer does not support Direct3D very well. You may compare these two modules and select the better one.

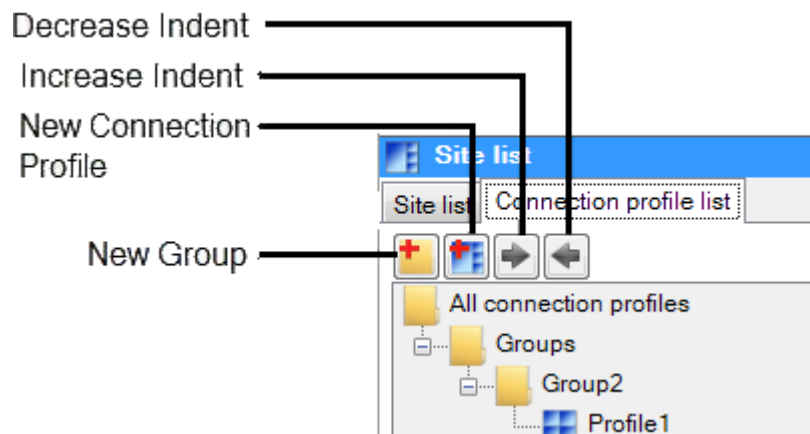
8. Connection Profile Management

sureSIGHT allows managing the connection profile information.

In this section, you will learn the followings:

- Add a new group
- Edit a connection profile group
- Delete a connection profile group
- Add a new connection profile
- Edit a connection profile
- Delete a connection profile

8.1. Working environment



The **{Connection profiles}** allows you to manage connection profiles and their grouping.

8.2. Add a new group

In **{Connection profile list}**, right click and select **[Add a group...]**.

Input a new name for the **{Connection profile group}** and click **[tick]** button to add a new group.

8.3. Edit a connection profile group

In **{Connection profile list}**, right click and select **[Edit group]**.

Input a new name for the {**connection profile group**} and click [] button to change the name of the group.

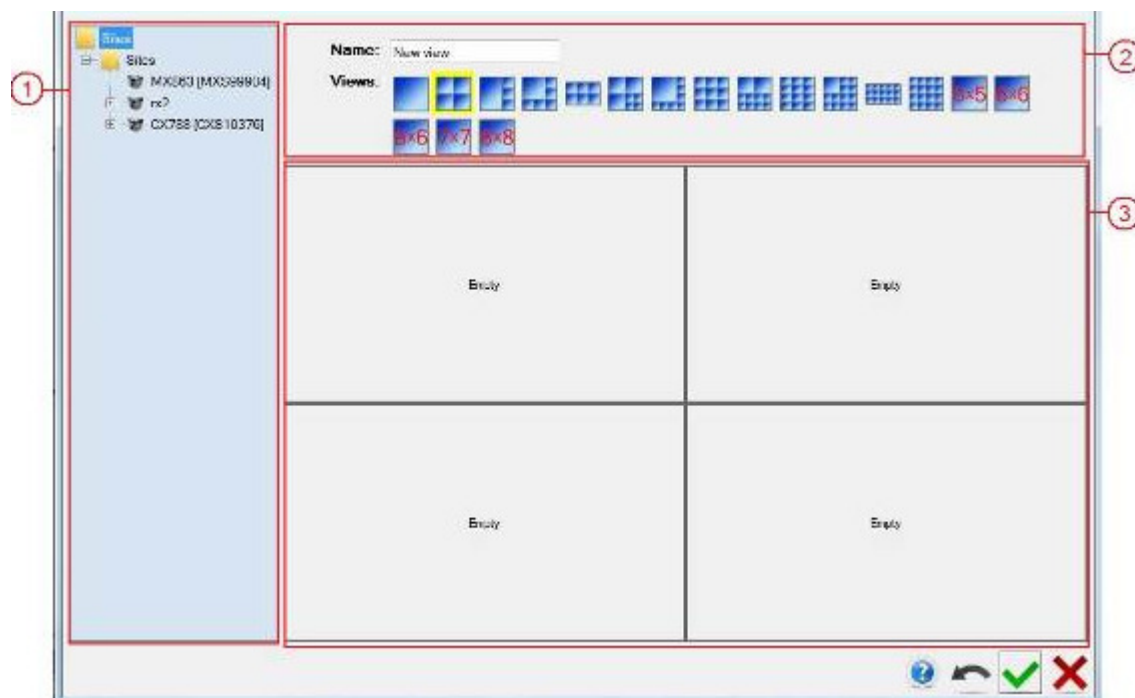
8.4. Delete a connection profile group

In {**Connection profile list**}, select a group, right click and select [**Delete a group**].

8.5. Add a connection profile

In {**Connection profile list**}, right click and select [**Add a connection profile...**].

{**Add a connection profile**} window is shown.



In {**Add a connection profile**} window,

Panel	Name	Description
1	Site list	Shown the information of the added sites.
2	<u>Connection profile properties</u>	Shown the name and layout of the connection profile. You can select different connection profile to support different number of sites. (Remark: The name of the site is unique.)
3	<u>Connection profile layout</u>	Show the layout of the connection profile. You can drag a camera or a site from the [Site list] to the grid of <u>connection profile layout</u> .

Select the name and layout of the connection profile in Connection profile properties.

****Name of the site must be unique*

Drag a cam or a site from the Site list to the grid of Connection profile layout.

Click **[Tick]** to add the new connection profile.

8.6. Edit a connection profile.

In {**Connection profile list**}, right click and select **[Edit connection profile...]**.

After editing the properties of the connection profile, click **[Tick]** to save the modified setting.

8.7. Delete a connection profile:

In {**Connection profile list**}, Select a connection profile, right click and select **[Delete a connection profile]**.

8.8. Apply a connection profile:

In {**Connection profiles**}, Select a connection profile, double-click and the live camera windows will apply the connection profile setting.

8.9. Default connection profile

You can set a connection profile as default connection profile. The default connection profile will auto be connected after sureSIGHT startup. Only one default connection profile is supported.

To setup default connection profile, right click on a connection profile and select **[Mark as default connection profile]**.

A  indicator will be show before default connection profile name.

9. Recording

Remote Server Recording is performed at the server. It provides high reliability video recording and supports schedule recording. Its flexible settings can make a balance between video quality and recording capacity to satisfy your needs.

*** Only TeleEye site support recording settings



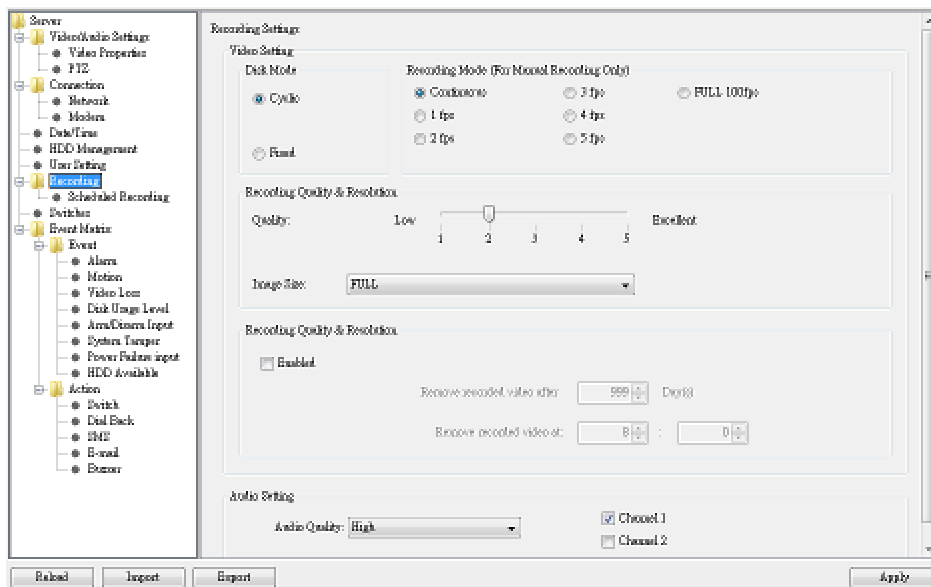
Click  button.

Click **[Recording]** on the left.

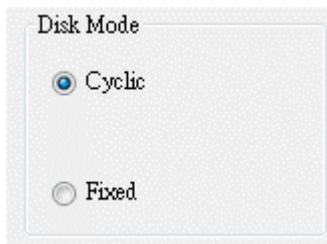
In this section, you will learn the followings:

- Remote server recording setting

9.1. Remote server recording setting

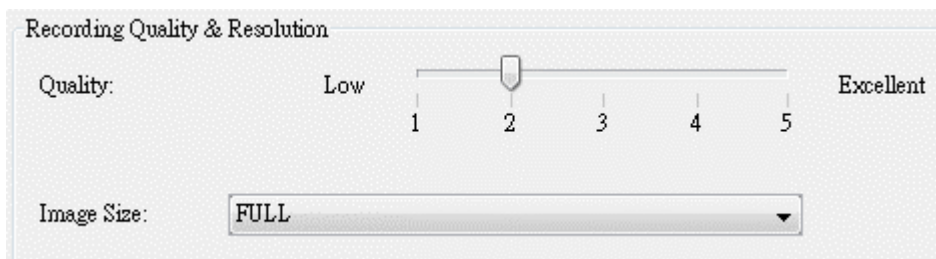


Disk Mode: Cyclic disk mode will erase the oldest recording data when the hard disk is full, that is to say the old data will be replaced. On the other side, fixed disk mode will stop recording when the hard disk is full.

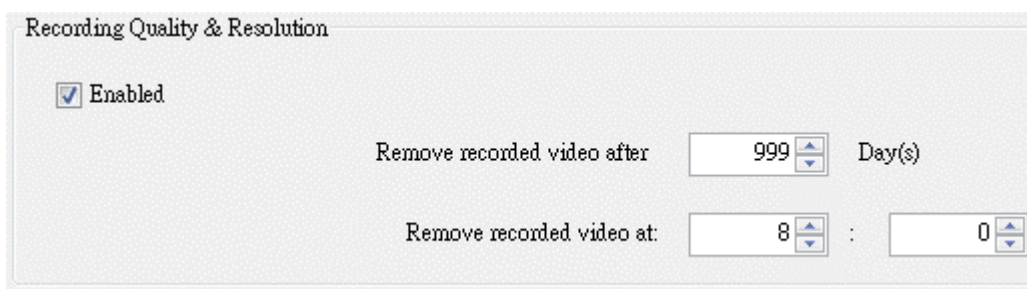
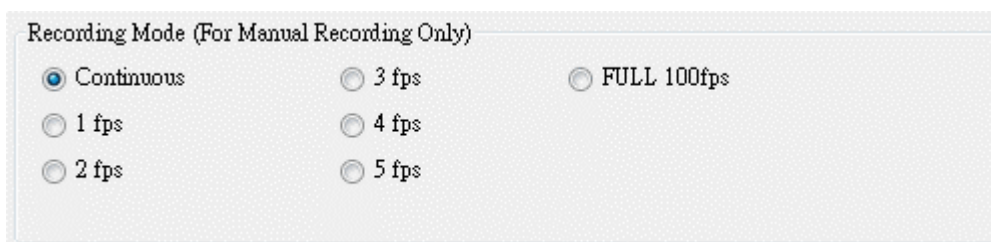


Quality: This is the quality of the recorded video. The quality is divided into 5 levels (in ascending quality order): low, fair, medium, good and excellent.

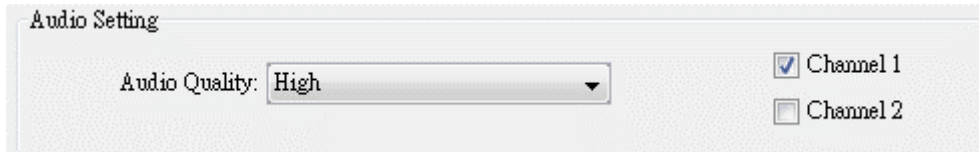
Image Size (Resolution): This is the display resolution for the recorded video. “Full” means the resolution is suitable for full size display. “Quad” is suitable for quarter size display. Noises may arise if you play “Quad” image size video in full size mode.



Recording Mode: Manual recording provides 7 recording modes, 1 fps (frame per second), 2 fps, 3 fps, 4 fps, 5 fps, 100 fps and continuous mode. In 1 fps mode, the recording frame rate is less, so the storage size is small. In continuous mode, the recording frame rate depends on the number of recording camera and the storage size is larger.



Audio Settings: Select the audio channel to be recorded on the left. And select the recording quality at “Audio Quality”.

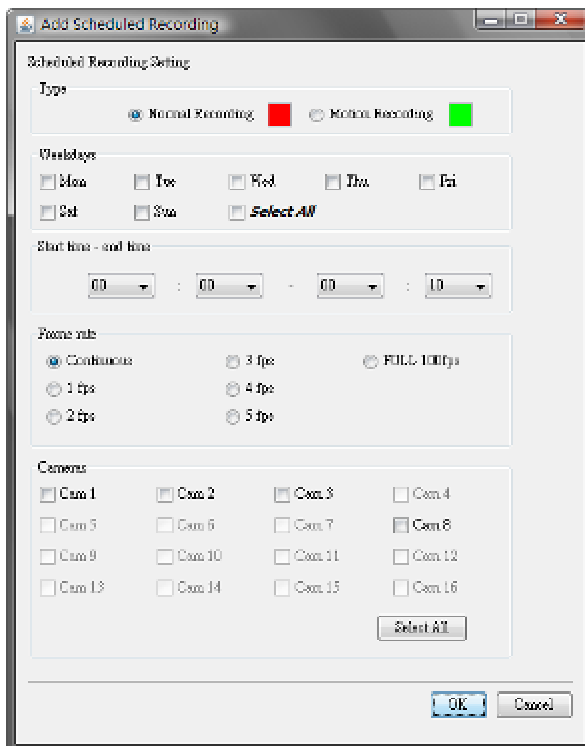


Schedule Recording

This function can set up a recording schedule to the transmitter. You only need to add a new schedule and the start/end time of recording.


Step 1. Click **[Scheduled Recording]** button

Step 2. **{ADD}** panel and **{Add Schedule Recording}** will pop up.



Step 3. Select either **{Normal Recording}** or **{Motion Recording}**

Type

Normal Recording  Motion Recording 

Step 4. Select the weekday/s to record

Step 5. Click **{All Day}** if you wish to record for a week.

Weekdays

Mon Tue Wed Thu Fri

Sat Sun **Select All**

Step 6. Set the Start/End time of the recording

Start time - end time

: - :

Step 7. Select recording frame rate

Frame rate

Continuous 3 fps FULL 100fps

1 fps 4 fps

2 fps 5 fps

Step 8. Select the camera to be recorded

Cameras

Cam 1 Cam 2 Cam 3 Cam 4

Cam 5 Cam 6 Cam 7 Cam 8

Cam 9 Cam 10 Cam 11 Cam 12

Cam 13 Cam 14 Cam 15 Cam 16

Step 9. Click **[Ok]** to save and exit.

Step 10. The Recording icon will change to schedule recording when recording start.

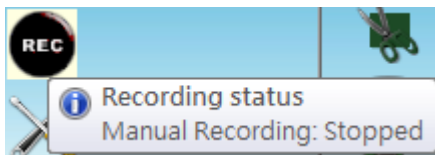


****Recording right:*

System administrator can grant recording right to normal user. The detail setting can be reference to the chapter 6.

Manual Start/Stop recording

Authorized users can enable/disable the remote server recording by clicking the **[REC]** button on the system information panel, onscreen button.



For starting the recording, you must select the recording type and which camera is going to record.



For unauthorized users, the **[REC]** button acts as an icon to shows the recording status.

10. Playback Operation

Video recorded by server or sureREC, can be played by the playback function.
To start the remote server playback, click **[Playback]** button in main menu button



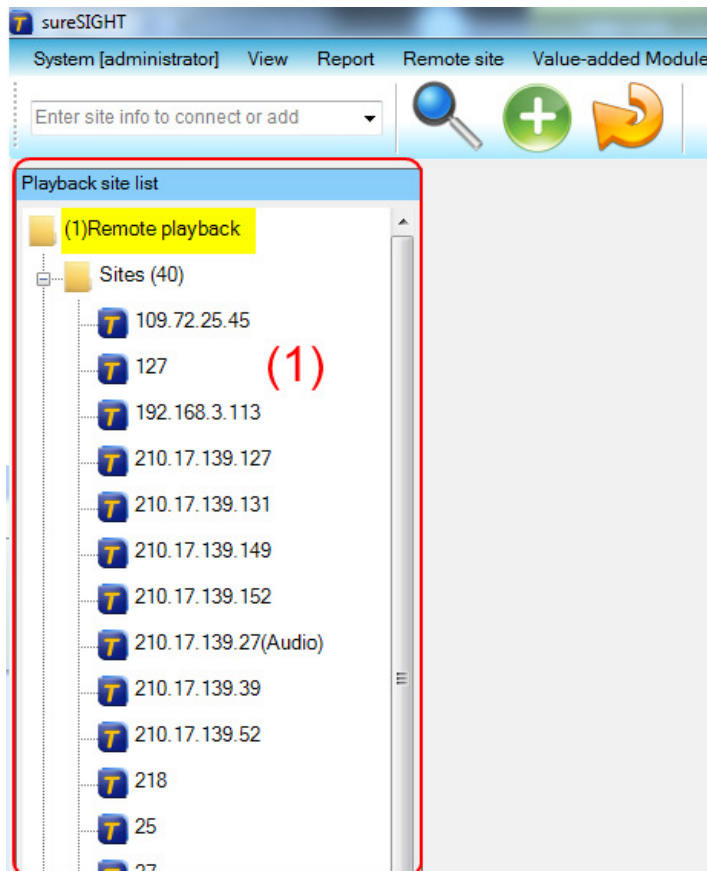
In this section, you will learn about

- Open the Playback log
- Using the Playback log

10.1. Open the Playback Log

Start Remote Server Playback

Working environment



In **{Playback}** window,

Panel	Name	Description
1	<u>Playback site list</u>	List the sites and NX/MX cameras have been added for playback

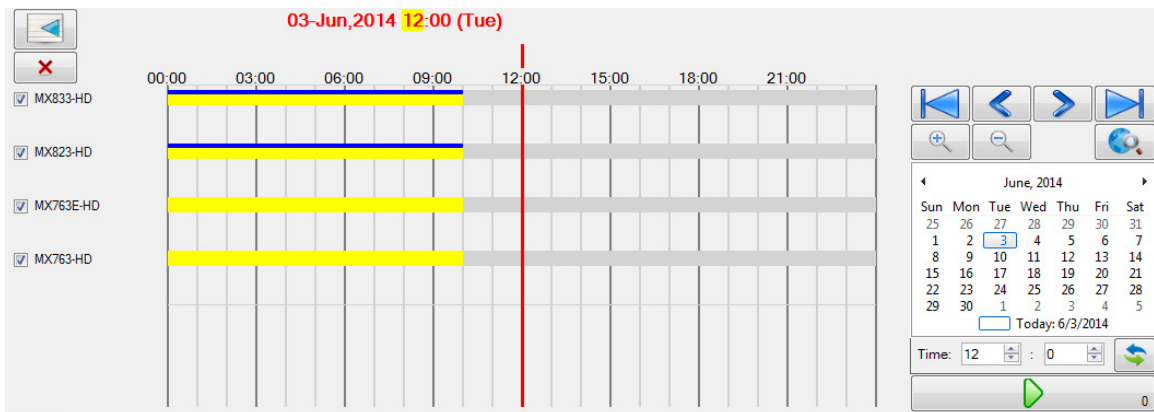
***In full screen mode, the time bar will auto hide when mouse move away the

10.2. Using the Playback Log

Besides the existence of video, you can observe past events from the playback log. To show the recording log, there are two methods.

Playback log



Double click a site of the **[Playback site list]**. Recording log windows will be shown:





In **{Recording log}** window,

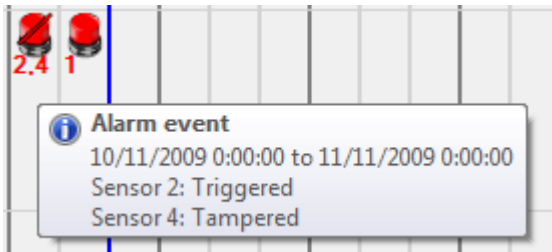
Panel	Name	Description
1	<u>Time slot and Event matrix</u>	Indicate the cameras and their event in a period of time slot.
2	<u>Time slot zooming</u>	Select the time slot to display in <u>Time slot and Event matrix</u>

In Time slot and Event matrix, the time line will appear in sharp color. The grey color represents no recording log there.







Icon	Meaning
	Manual recording
	No recording log

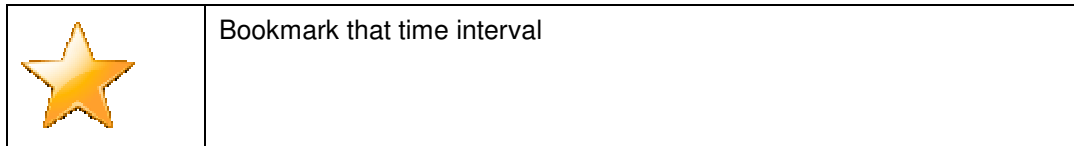
	Manual recording with audio
	Recording record match with search result

In each recording log, there are different icons to represent different events. Details information will appear when the cursor is moved over it.



Icons represent event types and status while numbers represents sources. Table below lists all the icons in playback log and the corresponding events they stand for.

Icon	Meaning
	Alarm has been triggered.
	Alarm is triggering. The icon will keep flashing.
	Motion has been triggered.
	Motion is triggering. The icon will keep flashing.
	Video loss has been triggered.
	Video loss is triggering. The icon will keep flashing.



You can search the recording time or directly click



button to playback video.

Select the time scale by using



icon to view the log clearly in

order to select a more precise time. You can use the scroll button on the mouse to zoom in/out to the log.

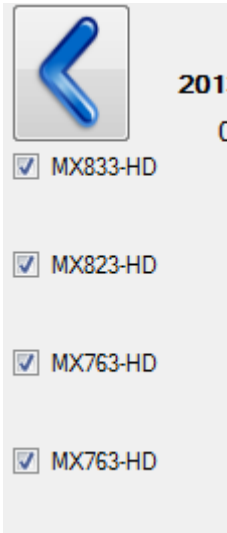


Click buttons to move the time bar to do navigation.



Click the graph to select the time to play. For example, in the following Figure, there is a motion event at 11:30. Click the chart around 11:30 and a blue line will appear which means you select this time.

For the sites support multiple camera playback, you can select cameras to do playback.





Click **[Play]** button to start the video playback.







Control the video by the control buttons on the bottom-left of the playback control



During playback, you can modify the speed of playback, cameras and screen mode according to your need.

Playback control

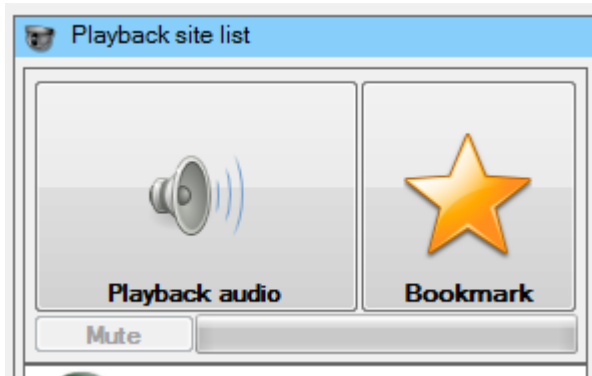
Icon	Title	Description
	Backward	Play video backward 1 frame per minute. (Not supported in JN/KN)
	Pause	Pause the video playback. After pausing the video for 1 minute, the software will continue to playback automatically.

	Forward	Play video with fast speed.
	Stop	Stop to play the video and go back to playback log. You can select another video to playback or click [Back To Live] button to return to the main panel.
	Normal Play	Play video with normal 1x speed.
	Fast Forward	Click [Forward] button twice to play video with very fast speed.
	Step Backward	Click [Backward] while video is pausing to display one frame per click. (Not supported in JN/KN)
	Step Forward	Click [Forward] while video is pausing to display the next frame. (Not supported in JN/KN)

Playback with audio

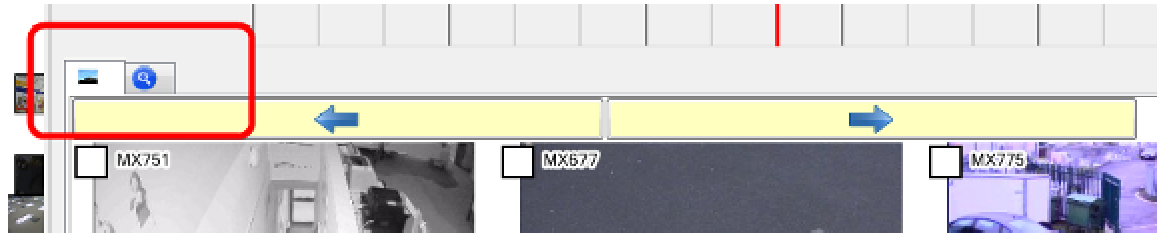
You can play recording audio during video playback.

Click **[Playback audio]** and select audio channel or mute.



Playback thumbnail

You can select a time in the recording to show the corresponding playback thumbnail for you to quick review of what is happening on the time period before you started playback the actual video.



You can click the checkbox of the playback thumbnail to select the camera and click the middle of the thumbnail to start playback.




Playback spot search

If you want to search for something you are interested in, but you just know roughly the time period of the interesting thing happened. You can use the playback thumbnail search mode to help you to locate the more accurate time.

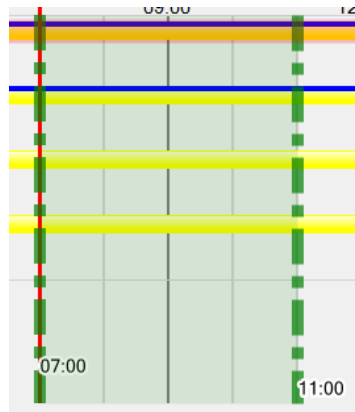


- (1): To start thumbnail search mode.
- (2): The search start datetime.
- (3): The search end datetime.
- (4): Show earlier thumbnail.
- (5): Show later thumbnail.
- (6): Increase the search time.
- (7): Decrease the search time.
- (8): Set the search period to all time on the current recording log.
- (9): Change the scale of the search time.
- (10): The searched thumbnail.




To start with this mode, you need to click on the  (1) button.


If you know the time period that the event happened, you can drag and move the




search area to cover the period. The thumbnail images within the period will be shown in area (10). If the event happened between 2



thumbnail, you move the cursor on the thumbnail and click the  to zoom in. For example: if you want to view the thumbnail between 07:50 and 08:00




You click the  on the 08:00 thumbnail, and you will get the thumbnail in 1 min interval as below.



If it is still not what you are looking for, you can then zoom out  or navigate on an

earlier  or later time . Once

you find the thumbnail that show the event. You click click on the  icon on the

video to start playback directly or click  to show the recording log on that time.

11. Pan Tilt Zoom (PTZ)

Pan Tilt Zoom (PTZ)


In this section, you will learn about

- Analog PTZ
- Digital PTZ


11.1. Analog PTZ

Administrator can grant the Analog Pan Tilt Zoom (PTZ) function to normal user group. Detail operation can be reference to chapter 6.


1. Start PTZ function

If a site with analog PTZ function is connected by authorized user,  icon will be shown in the top left corner of the video.



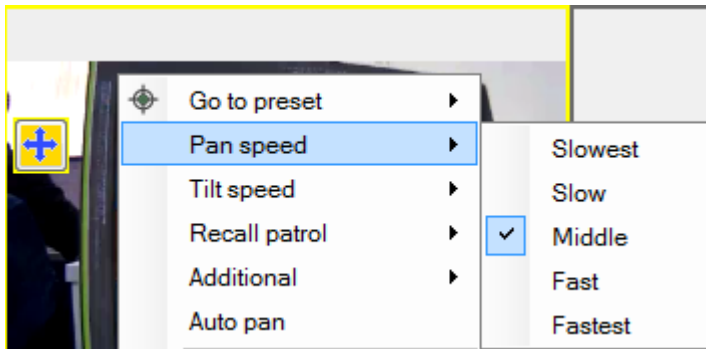
To use the analog PTZ function, you can click the  icon.

To do the basic operation on Pan, tilt or zoom on the PTZ camera, you can move the cursor on the video and do mouse left click to make the PTZ operation.

For example, if you want to pan left, you should move the cursor on the left hand side of the video panel. When mouse cursor will change to , you can click the left mouse button pan the camera to the left.

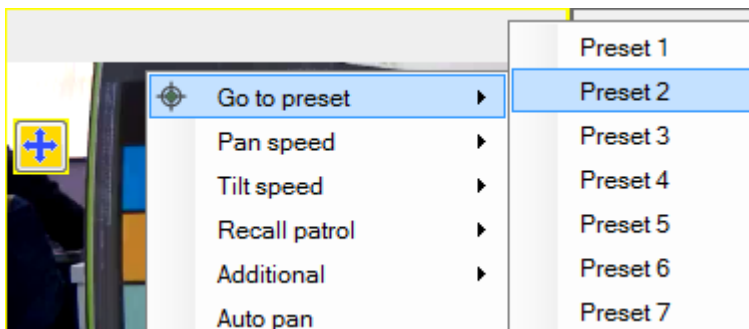
2. Set pan tilt speed

The speed of the pan and tilt can be set on right click menu of the video.



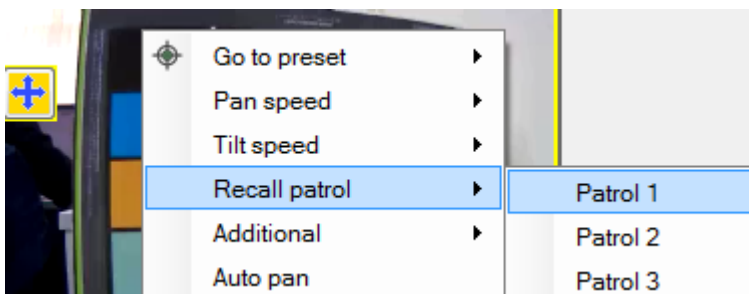
3. Call preset position

It contains 16 numeric buttons for 16 preset locations. The PTZ camera view moves to the pre-defined preset location when the button is clicked if that button is set in **[Program Preset]**.



4. Recall patrol

It contains 4 patrol and stop buttons, which are used to activate the patrol tours of the selected PTZ camera model. When the **[Patrol 1,2,3,4]** button is clicked, the camera starts the tour until the patrol operation is cancelled (i.e. **[Stop Patrol]** button is clicked).

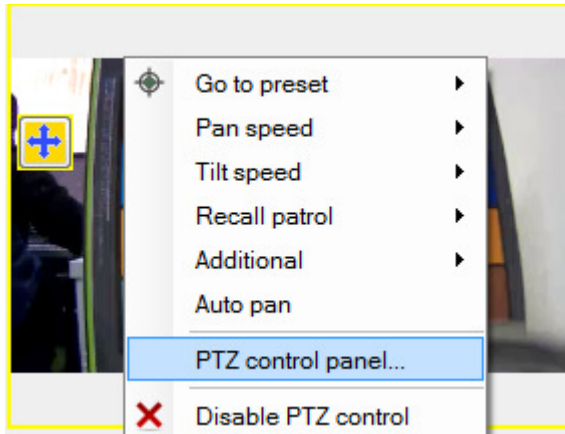


Click **[Disable PTZ control]** to disable the analog PTZ function.

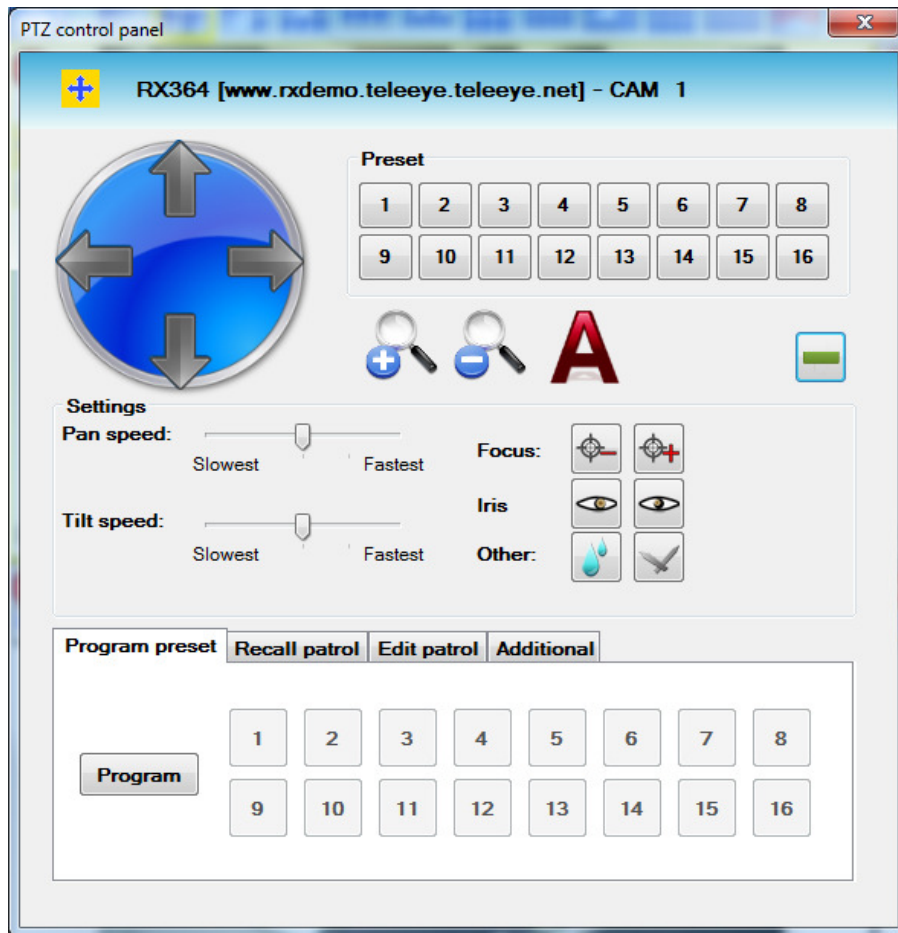
5. Save preset point

The PTZ functions for step 1-4 are also available in PTZ control panel. Besides, you can set preset point in PTZ control panel.

To go to PTZ control panel, Right click the video screen and select **[PTZ control panel...]**.



The PTZ control panel will be shown.



Select [**Program preset**]. Then click [**Program**] and select one preset point, the current position will be saved.



6. Edit patrol

In PTZ control panel, you can edit patrol.



Click [**Add**] and select a preset point. Besides, you can click [**Delete**] to delete the preset point.

7. Focus, Iris and other settings

Icon	Description
	Focus far
	Focus near
	Iris open
	Iris close
	Washer
	Wiper

11.2. Digital PTZ

sureSIGHT supports digital PTZ function. It allows you to focus on a particular area to see it more clearly.

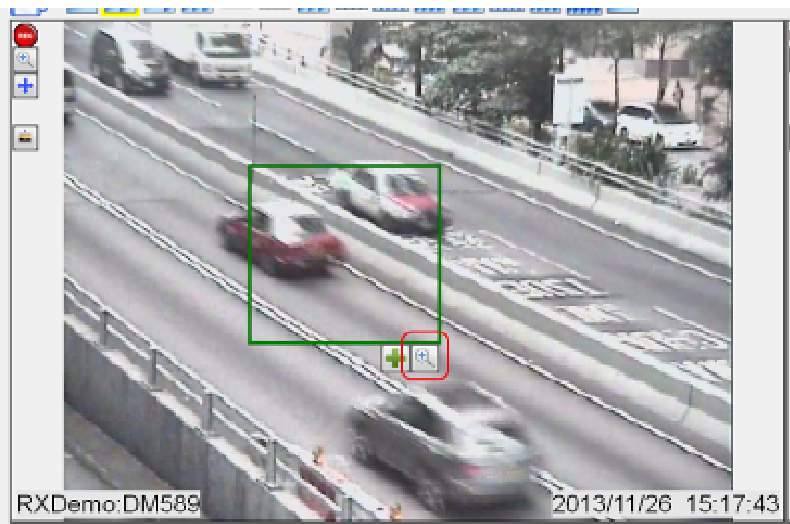
There are 2 methods to do digital PTZ:


Method 1:

Mouse left click on the video and drag the area you are interested in, and click the




button.




If you want to restore the video, you can click the  button.



You can zoom the video on another video windows by click the  button, you can drag at most 3 areas if there is enough free windows.




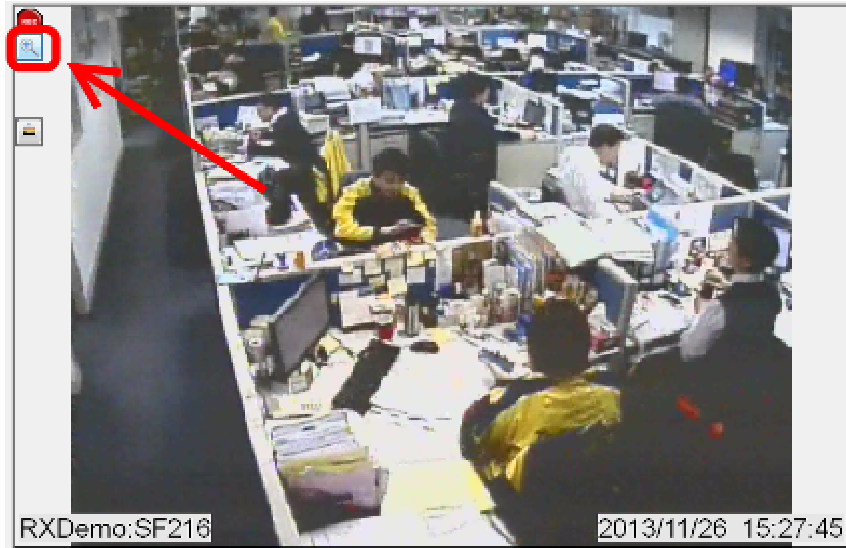
The zoomed area will be colored in 3 different colors in the original video, and the corresponding videos will be shown on the free windows with the colored border.

In the zoomed windows, you can click the  button to close it.

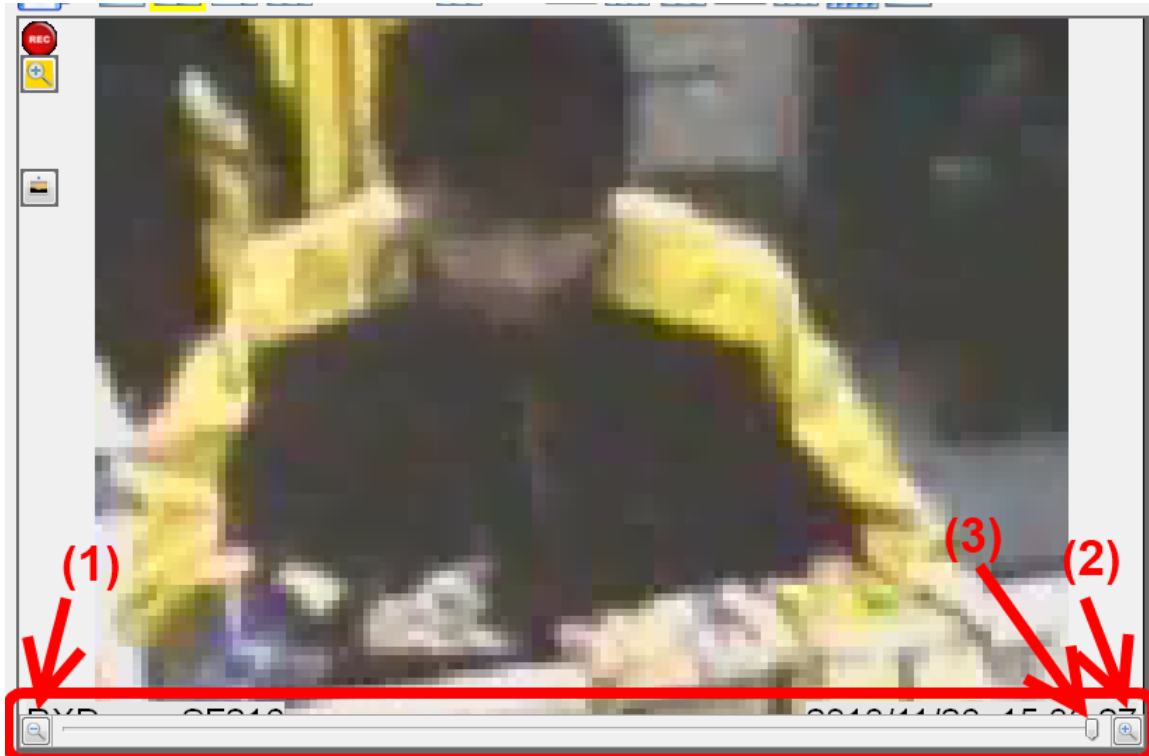


Method 2:


Click the  button,



and move the cursor to the area of interest and click on it, you can zoom to at most 5 times of the original video. After you have zoomed in a video, you can do PAN and TITE to move the zoomed video to another area.



You can also do zoom operation by drag the zoom track bar and zoom in and out buttons.

If you want to restore the video, you can click the  button.



11.3. Computer aux port

PTZ function can be easily controlled by the dedicated TeleEye KB03 and other Pelco-P/D compatible keyboards to make control more convenient.

To use TeleEye KB03 keyboard to control PTZ, the following setting must be equal between sureSIGHT and TeleEye KB03 keyboard.

The default settings:

Baud rate: 4800 bps

Parity: None

Data length: 8

Stop bit: 1

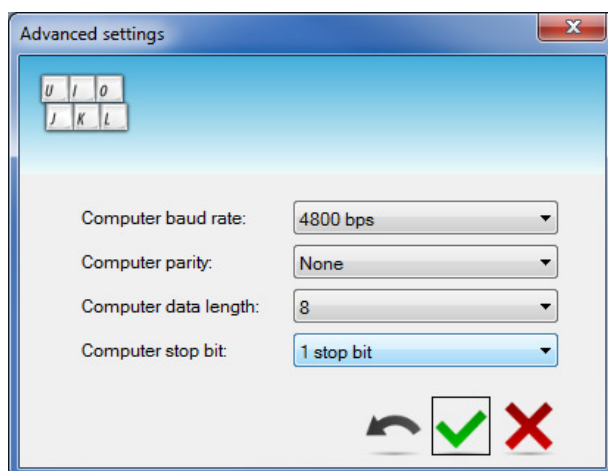
11.3.1. Software setting

Step 1. To set up the external device, connect the external device first (It should be the COM port of the PC to the COM port of the KB03). Then, choose **[System]** -> **[Computer aux port...]** .

Step 2. Check the **[Enable computer aux port]**, choose the COM port connecting to the device and choose keyboard types.

Step 3. Change keyboard types to “**TeleEye KB series**”.

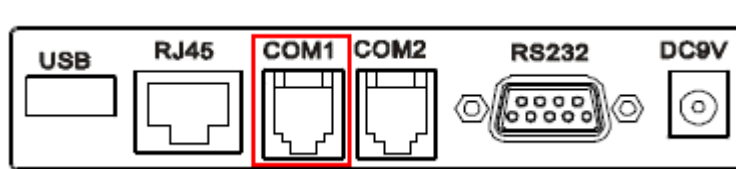
Step 4. Set up the communication details of the COM port through **[Advanced setting]**. Make sure the settings are same as KB03 settings.



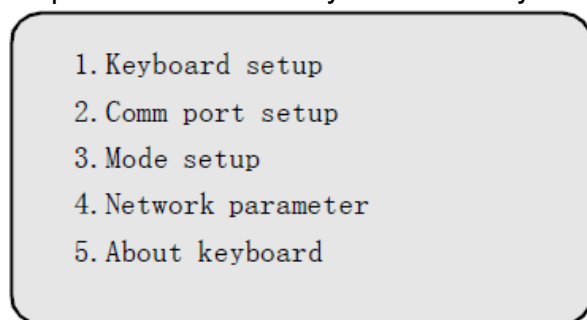
Step 5. Click [✓] to finish the settings.

11.3.2. KB03 keyboard settings

Step 1. Connect computer COM port to KB03 COM1 port.



Step 2. Press SET key on KB03 keyboard and hold it for 2 seconds, LCD displays



Step 3. If there is a password, you must input the 6-bits password correctly.

Step 4. Enter submenu or return to upper menu level

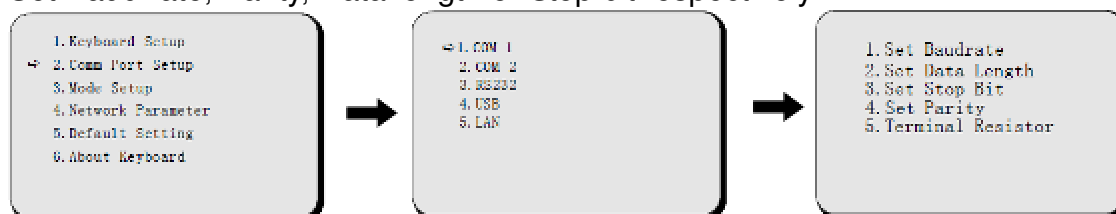
Enter submenu: press the item number on keyboard numeric pad, or move the joystick up and down to the item number.

Return to upper menu level: move the joystick left to return to the upper menu level.

Save the selection: Press the corresponding numeric key to select and save selection. The save result dialog will be shown on the screen.

Step 5. KB03 COM1 settings.

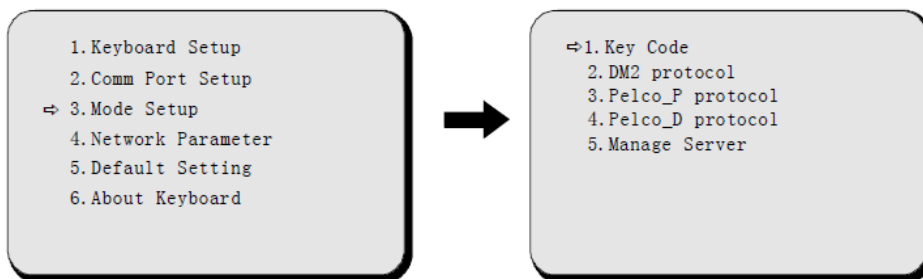
1. Select Comm Port Setup
2. Select COM 1
3. Set Baud rate, Parity, Data length or Stop bit respectively.



Step 6. Go back to main menu for Mode settings.

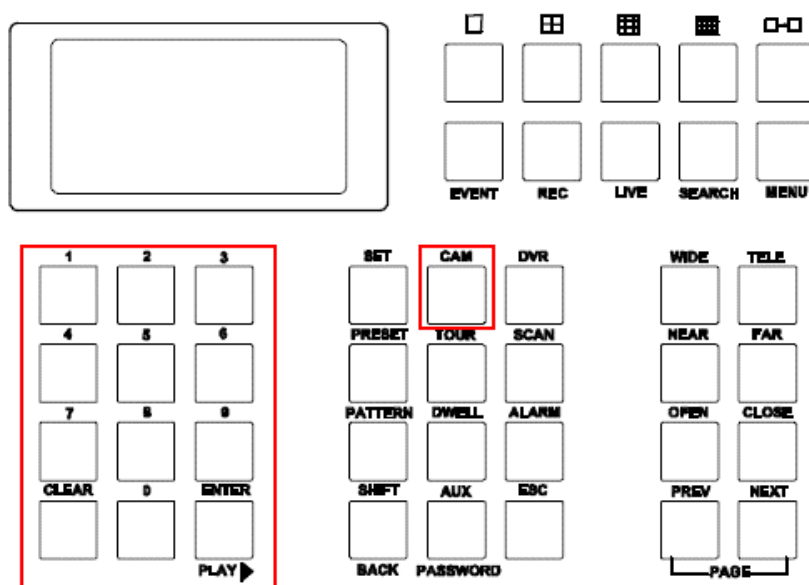
The protocol for KB03 must be same as your camera PTZ protocol.

1. Select Mode Setup
2. Press corresponding numerical key to select required protocol.

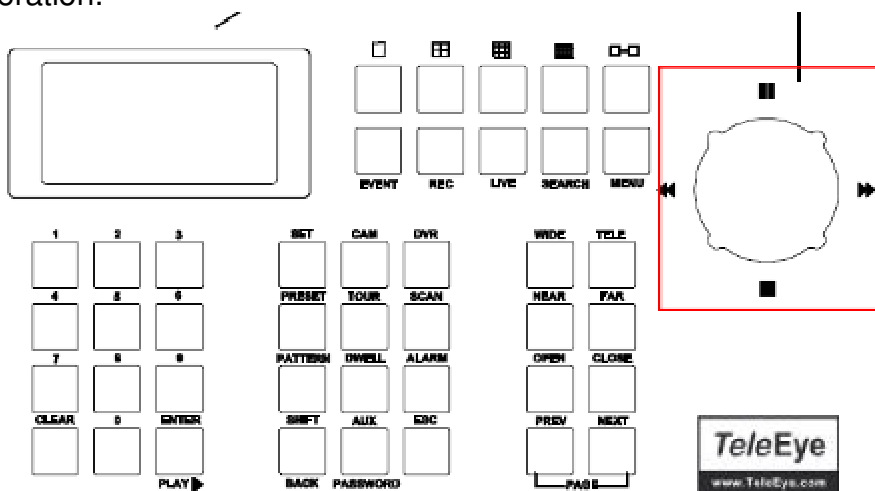


11.3.3. KB03 basic operation

Press numerical number at keyboard and press **[CAM]** button. The camera will be selected.



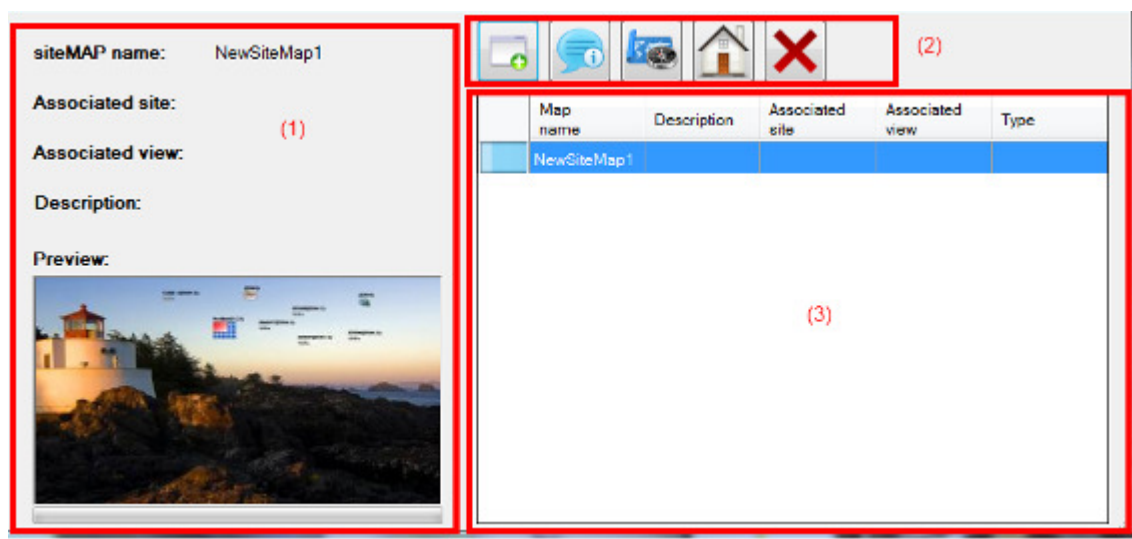
Use joystick for controlling the pan/tilt of a camera, it also can do lens ZOOM operation.



12. siteMAP

To open the Sitemap management windows, you should select [Value-added Module] -> [siteMAP management...] from {Main menu}.

Working environment



In {siteMAP management} window,

Panel	Name	Description
1	<u>Site Describe</u>	The siteMAP information with name, associated connection profile/site, description and Preview.
2	<u>Control panel</u>	Contain buttons for siteMAP management function
3	<u>SiteMAP list</u>	List of the stored siteMAP

12.1. Adding a siteMAP

To add a new siteMAP, In **{SiteMAP management}** windows, follows the steps below

Step 1. In *Control Panel*, click **[add a siteMAP]**  button


Step 2. A new window **{Add a new site group}** is shown.

Step 3. At the top of **{SiteMAP management}** window, you should provide a unique SiteMAP name, Map association, Background picture and description.

(Hints:


Map associated to a site – When the associated site is connected, this siteMAP will be shown.

Map associated to a connection profile– When the connection profile is using, this siteMAP will be shown.)

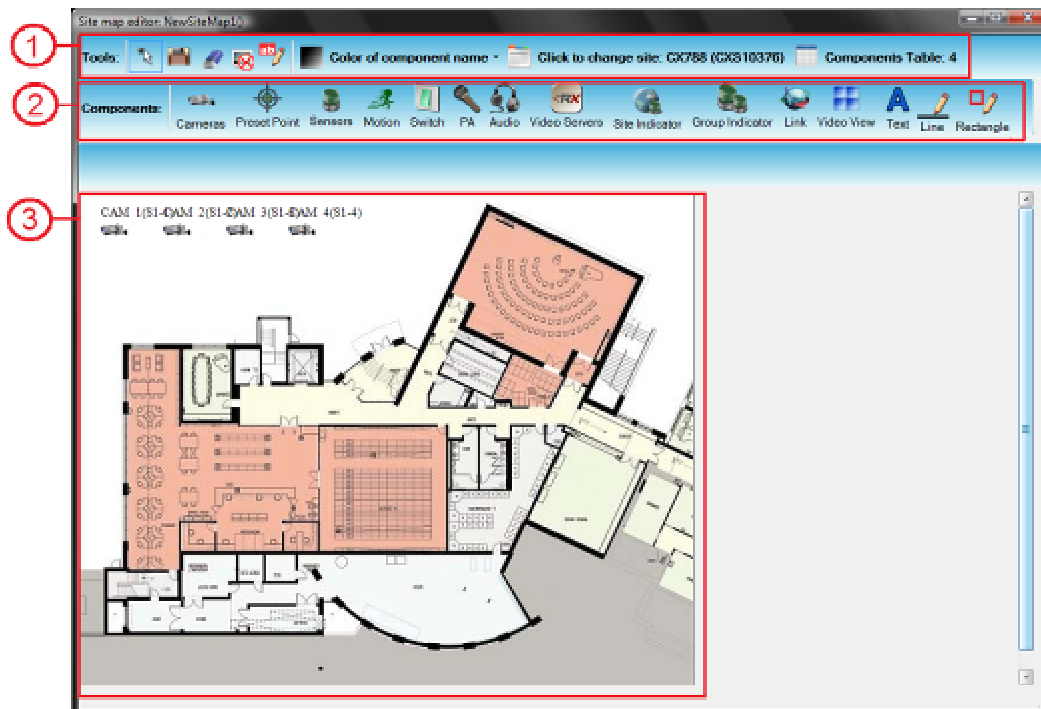
Step 4. Click  button to navigate to siteMAP editor.

12.2. siteMAP editor

sureSIGHT will automatic jump to siteMAP editor after generating a new siteMAP, you

can also edit the selected siteMAP by click **[edit]**  button in **{SiteMAP management}** window.








A new window **{SiteMAP editor}** shown











In **{SiteMAP editor}** window,

Panel	Name	Description
1	<u>Tools panel</u>	Edit tools for the component map, associate component and components tables
2	<u>Components Box</u>	Contain all the possible components for a well structure siteMAP
3	<u>Components siteMAP</u>	A siteMAP to graphical display the location of different components in the floor plan.

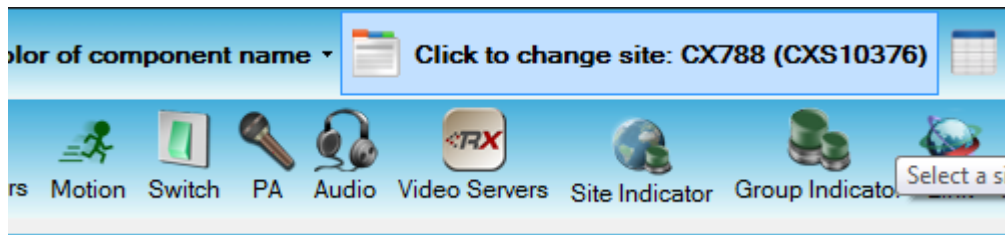
In **{SiteMAP editor}** window, the components in components Box represent different components

Icon	Name	Representation
	Cameras	Camera type, direction and location Video loss event
	Preset Point	Programmed position for pan tile zoom camera
	Sensor	Sensor type and location Sensor event
	Motion	Motion sensor location Motion event
	Switch	Switch status Change switch status button
	PA	Quick button of public address function
	Audio Reception	Quick button of Audio Reception function

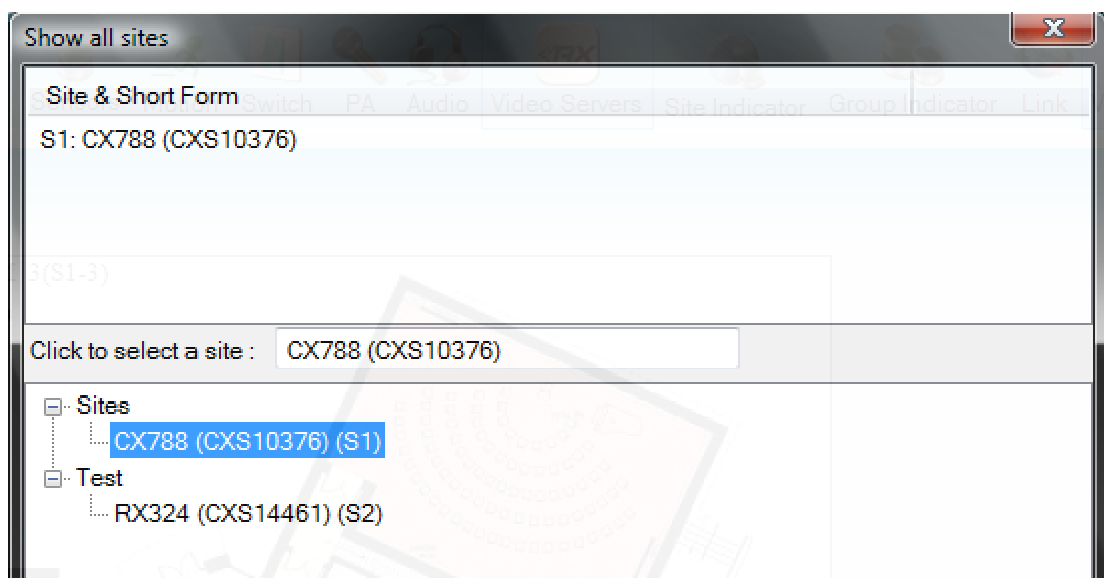
	Video Servers	Video server type and location Quick button to connect to a site
	Site Indicator	Connection status of a site Quick button to connect to a site
	Group Indicator	Connection status of a list of sites A link to another siteMAP
	Link	A link to another siteMAP
	Connection profile	A connection profile that is related to the current siteMAP
	Text	Text
	Line	Line
	Rectangle	Rectangle

12.2.1. Select site form

To check the full name of the camera connect to siteMAP, you should select **[Click to change site]** from **{Tools panel}**.

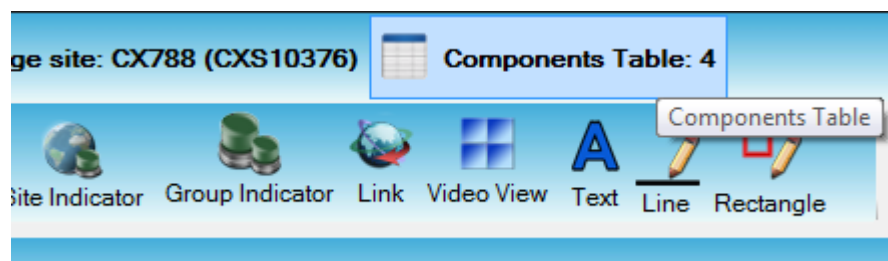


In **{Show all sites}** window, All available sites will be shown, you can choose a site they desired, the site information and their code will be shown,

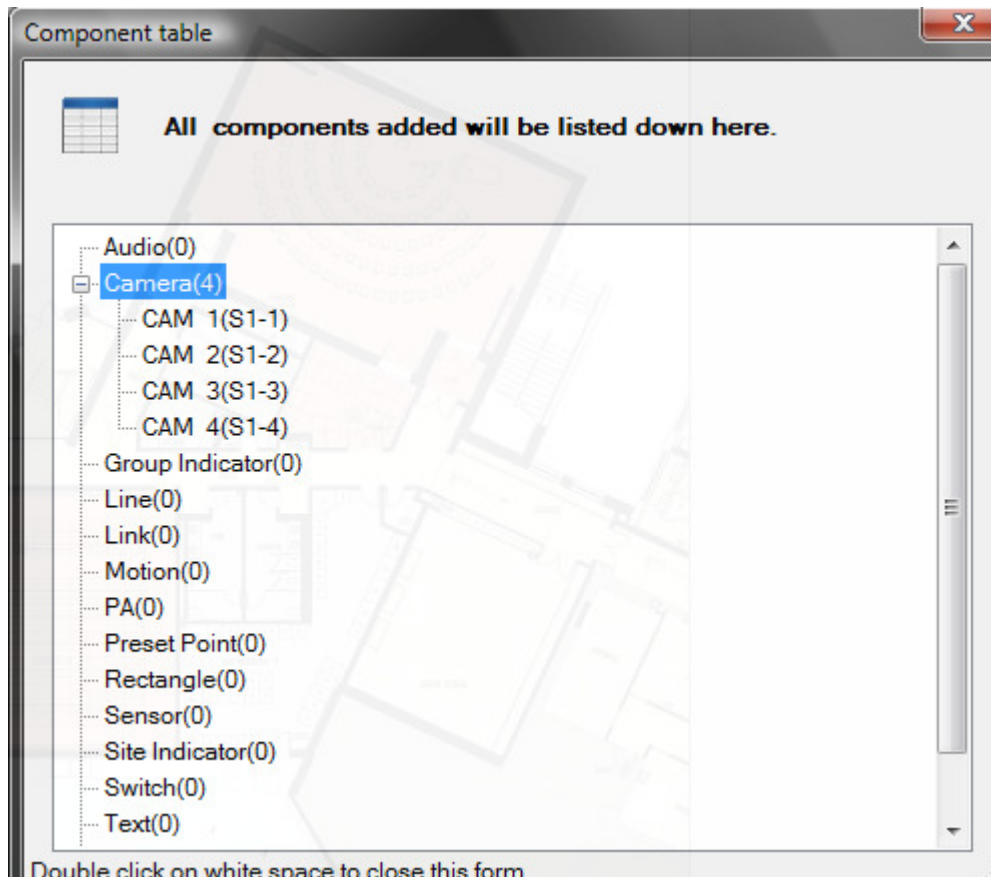


12.2.2. Components table








To check the full name of the camera connect to siteMAP, you should select **[Click to change site]** from **{Tools panel}**.



In **{Component tabel}** window, it shows the connected components of sureSIGHT.



12.2.3. Cursor shapes

There are three types of cursor shapes in siteMAP editor form. “” means you can move components; “+” means you can add new components and “” means you can delete the selected component. Click buttons in components menu bar will change the cursor to “+”, click mouse right button on a selected item will change the cursor to “”, you can also click **[Edit]**  button to change cursor shape to “” or **[delete]**  button to change cursor shape to “”.

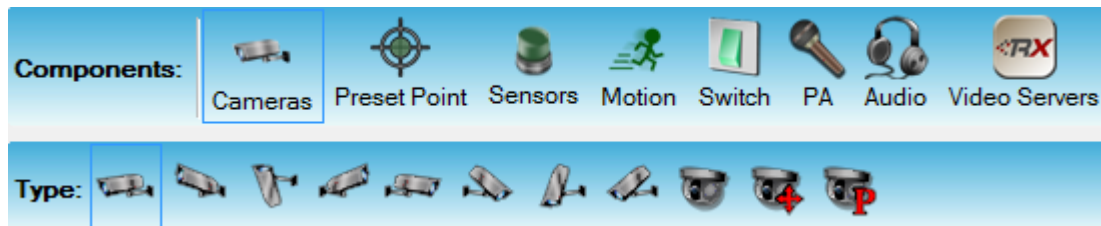
12.2.4. Adding and Editing components

To add/edit components to the Components siteMAP, follows the steps below.

Adding a components:

Step 1. Click the components in Components Box

Step 2. A new set of Type appear





Step 3. Select the desire type of components

Step 4. The cursor will change into cross“+”

Step 5. The components will form in Components siteMAP when you click it.

Edit an existing component:

Step 1. In Tools panel, switch to [**Edit or Move**]  button.

Step 2. The cursor will change into arrow“”

Step 3. Select the components in Components siteMAP


Now you can drag and drop to move the components.

12.2.5. Deleting components

To delete a component on the Components siteMAP, follows the steps below.

Deleting an existing component:


Step 1. In Tools panel, switch to [Delete a component]  button.

Step 2. The cursor will change into stop symbol“”


Step 3. Select the components in Components siteMAP

Step 4. Confirmation to remove the components.

12.3. Editing a siteMAP

To edit a siteMAP, click  button in {SiteMAP management} window.

Edit a siteMAP:

Step 1. In Tools panel, switch to  button.

A {Edit siteMAP} window appear

Step 2. You can correct the name of the siteMAP, Map association and Description

Step 3. Confirmation to update the settings.

12.4. Import and export siteMAP

To export a siteMAP, follows the steps below.

Export a siteMAP:

Step 1. To open the {**System export windows**}, you should select [**System**] -> [**System backup**] -> [**Settings import and export**] -> [**Export...**] from the menu bar.

Step 2. In {**System export**} windows, tick the checkbox of Sitemap to the export file.

Step 3. Click [**Export**] to selected folder.

To import a siteMAP, follows the steps below.

Import a siteMAP:

Step 3. To open the {System import} windows, you should select **[System]** -> **[System backup]** -> **[Settings import and export]** -> **[Import...]** from the menu bar.

Step 4. In **{System import}** windows, tick the checkbox of Sitemap to the import items.

Step 5. Click **[Import]** to restore the siteMAP.

12.5. Working with siteMAP

12.5.1. siteMAP monitoring right

To assign a siteMAP monitoring right, follows the steps below.

Step 1. To open the **{User account management}**, you should select **[System]** -> **[Account management...]** from **{Main menu}**.

Step 2. In **{User account management}** windows, select "sitemap monitoring right" tab buttons.

Step 3. Select the Group of user in Groups list, and tick the allowed siteMAP to the user group.

Groups:

Group
Administrator
New Group 1

Site maps allowed to be monitored :

Sitemap	Description	Type
<input checked="" type="checkbox"/> NewSiteMap1		Default map
<input checked="" type="checkbox"/> NewSiteMap2		

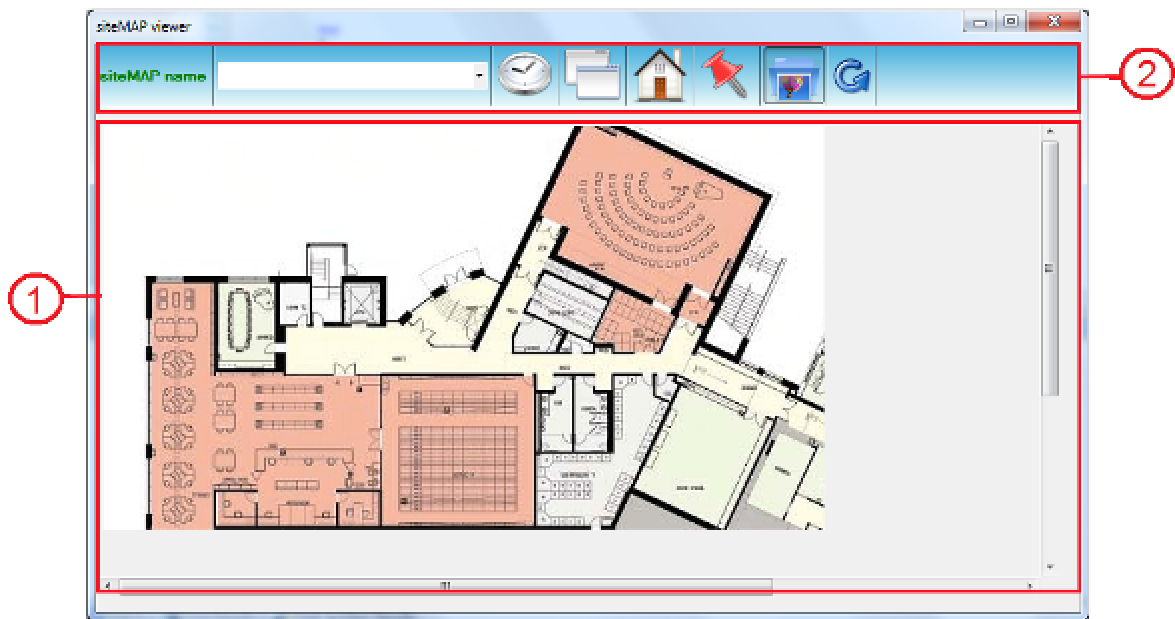
Step 4. Click **[OK]**.

12.5.2. siteMAP viewer

After setting the siteMAP, to use the siteMAP function, follows the steps below.

Also, to view the Sitemap, you should select **[System]** -> **[Sitemap viewer...]** from **{Main menu}**.

Step 1. Select [System] -> [Sitemap viewer...] from {Main menu}.






In {SiteMAP viewer} window,




Panel	Name	Description
1	<u>SiteMAP panel</u>	So the sites map of the file default
2	<u>Control panel</u>	Contain buttons for siteMAP management function

Step 2. Select siteMAP table in the Control panel




Step 3. In {siteMAP Viewer Form} you are allowed to:

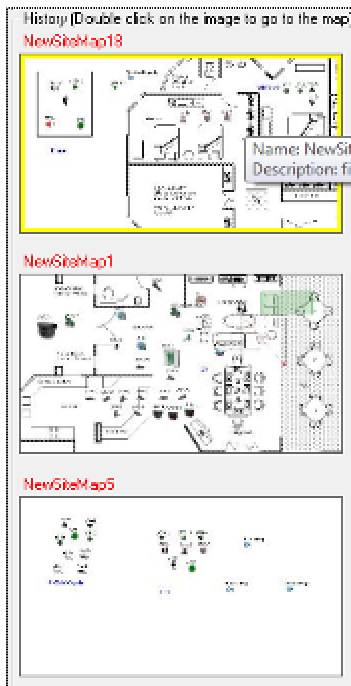
Fix a siteMAP picture: Fix a siteMAP can prevent siteMAP from loading caused from outside, for example, if the siteMAP setting “*show siteMAP when associated site is connected*” is set to be “Yes”, then whenever the associated site is connected the siteMAP will be shown. You can fix a siteMAP by clicking [ **Fix siteMAP**] button and it will change to [ **Fix siteMAP**]. To revert the setting, click [ **Fix siteMAP**] again.

Display camera reference image: When the mouse hover over the icon of cameras, preset points, motion , site indicator or video servers, the predefined camera reference image will be displayed . You can disable reference image by clicking [] button, and it will change to []. To revert the setting, click [] again.

View {SiteMAP Table Form}: Click [SiteMAP Table]  button to view all siteMAPs in database. To load a siteMAP please double click the siteMAP name.

Name	Description	Associated Site	Type
NewSiteMap1		TeleEye South A...	Default Map
NewSiteMap1-im...	first map		
demo-empty	associate demo	Demo	
demo-2		UKDEMO	
large image	1438	136	
NewSiteMap1-1	first map	RX:175	
NewSiteMap2	first map	RX:368 Crystal	
NewSiteMap3	first map		
NewSiteMap4	first map		
NewSiteMap5	first map		
NewSiteMap6	first map		

Viewing History: Check the viewing history by clicking [ show history] button or move the mouse to the left up corner. In history box you can observe the last three siteMAPs visited before. Double click a siteMAP preview picture to load the siteMAP.



Step 4. The siteMAP shown on siteMAP panel



Step 5. Click the component on the siteMAP panel

Step 6. The components appear in main screen.

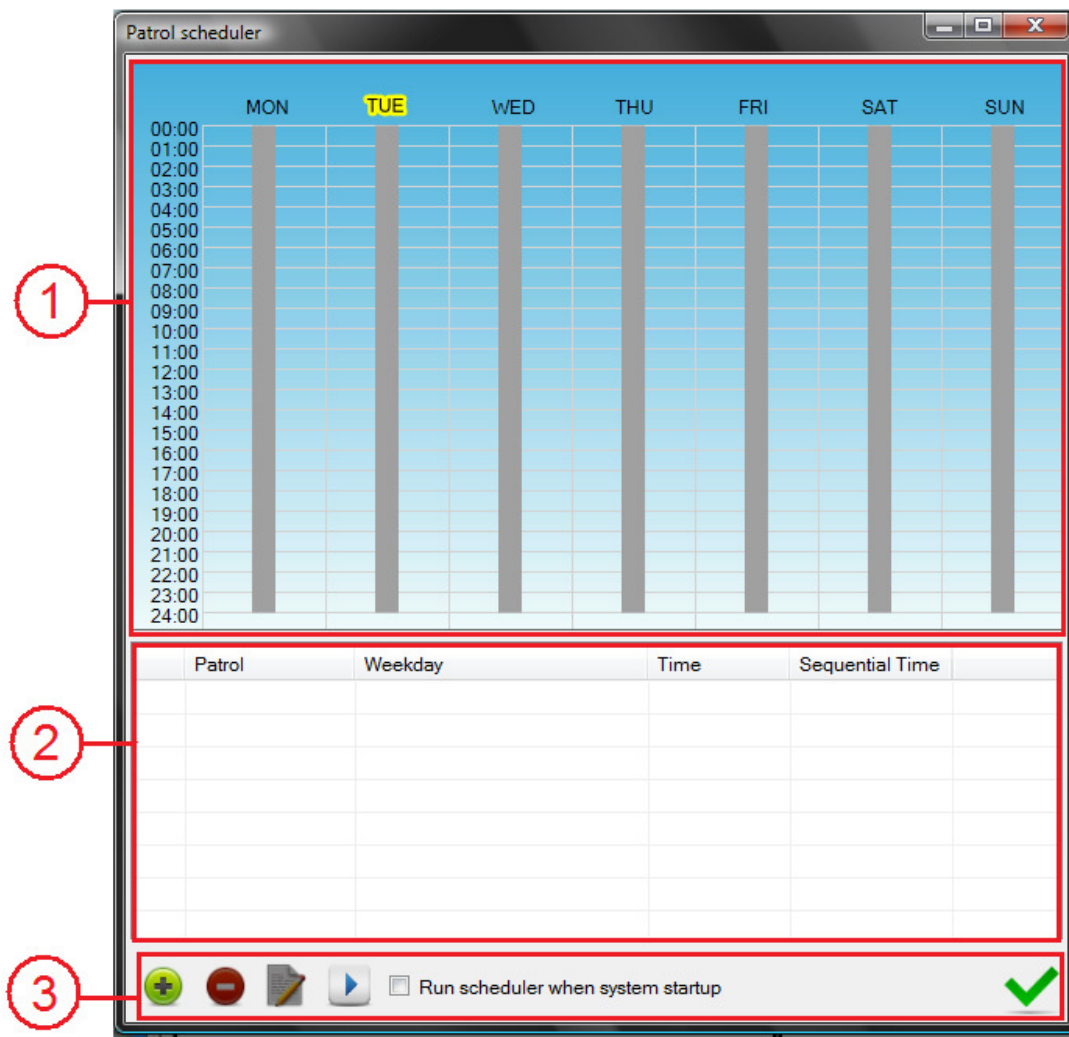
13. Patrol scheduler

To open the **{Patrol scheduler...}** window, you should select **[System] -> [Patrol scheduler...]** from **{Main menu}**.

In this section, you will learn the followings:

- Adding a schedule
- Edit a schedule
- Delete a schedule
- Start/Stop a schedule
- Start schedule when software starts up

13.1. Working environment



In {**Patrol scheduler**} window,

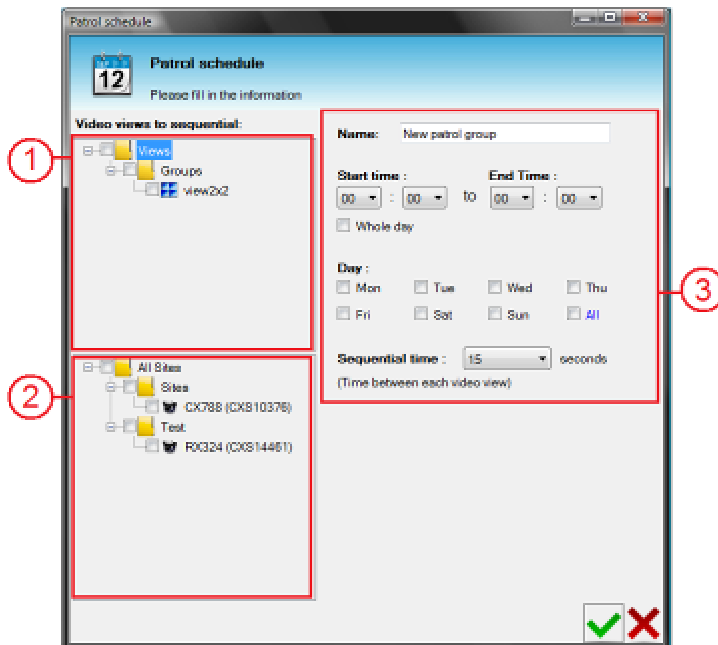
Panel	Name	Description
1	<u>Weekly Patrol scheduler</u>	Show the patrol scheduler according their weekday in a graphical interface The date of today will highlight in yellow color.
2	<u>Patrol list</u>	Show the current schedule in list of items.
3	<u>Control Panel</u>	Contain buttons for patrol management function

13.2. Adding a schedule

To add a new schedule, follows the steps below

Step 1. In Control Panel of **{Patrol scheduler}** window, click **[Add]**  button.

Step 2. A new **{Patrol scheduler}** window appears.



In **{Patrol scheduler}** window,


Panel	Name	Description
1	<u>Connection profile list</u>	List of the connection profile for patrol
2	<u>Site list</u>	The Site list for patrol scheduling
3	<u>Patrol Info</u>	Contain the name, schedule time, week date and sequential time for the patrol. Name: name of the patrol group Start time: start time of the patrol End time: end time of the patrol Day: day of the patrol operate Sequential time: The swapping time for patrol jump from one connection profile to another

Step 3. In Connection profile List or Site list of the new **{Patrol scheduler}** windows, click a connection profile/site(s) for the patrol scheduling.

****More than 1 site/Connection profile can be added for a patrol.*

For example: You can choose Site A and Site B in Site list, set the start time and end time of the patrol be 5:30 – 6:30 (Mon), and the sequential time be 15 seconds.


Start from 5:30 of Mon, the patrol will start to shift the connection profile between site A and site B every 15 seconds.

Step 4. Click [] to close and save the patrol setting, the new schedule shown in


patrol List and Graphical Patrol scheduler.

13.3. Edit a schedule

To edit a schedule, follows the steps below


Step 1. In Patrol list, select a patrol schedule, then click **[Edit]**  button in Control Panel.

Step 2. {**Patrol scheduler**} windows appear.

Step 3. Click [] button to save the patrol setting after the editing.


13.4. Delete a schedule

To delete a schedule, follows the steps below


Step 1. In Patrol list, select a patrol schedule and click **[Delete]**  button in Control Panel.

13.5. Start/Stop schedule

To start a schedule, follows the steps below

In Patrol list, select a patrol schedule and click **[Start]**  button in Control Panel.

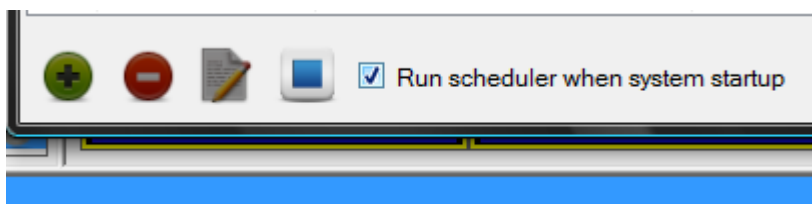
To stop a schedule, follows the steps below

In Patrol list, select a patrol schedule and click **[Stop]**  button in Control Panel.

You can start/stop the patrol scheduler in the main panel also.

13.6. Start schedule when software start up

To made the patrol schedule start when start up. In Control panel, tick the box of “Run scheduler when system startup”.











Then the patrol schedule will start automatically.

14. Event management

****Only TeleEye sites support event management*

When the event triggers, the icon of the event will show on the top right hand corner of the viewer

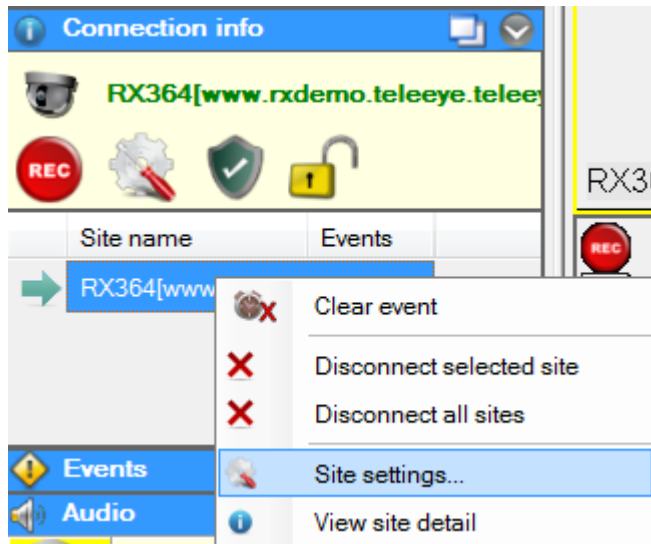
Icon	Meaning
	Alarm has been triggered.
	Alarm is triggering. The icon will keep flashing.
	Motion has been triggered.
	Motion is triggering. The icon will keep flashing.
	Video loss has been triggered.
	Video loss is triggering. The icon will keep flashing.
	Arm/disarm, security switch, alarm, power failure, guard expired or system has been tampered.
	Arm/disarm, security switch, alarm, power failure, guard expired or system is tampering. The icon will keep flashing.

Before enter the event management page, please connect to the site first.

To open the **{Site settings...}** window, you should select **[Remote site] -> [Site settings]** from **{Main menu}**.

You can also *right-click* **{site view}**, and select **[Site settings...]**.

Or *right-click* in **{Site connection and event status}** of **{Connection info}**.

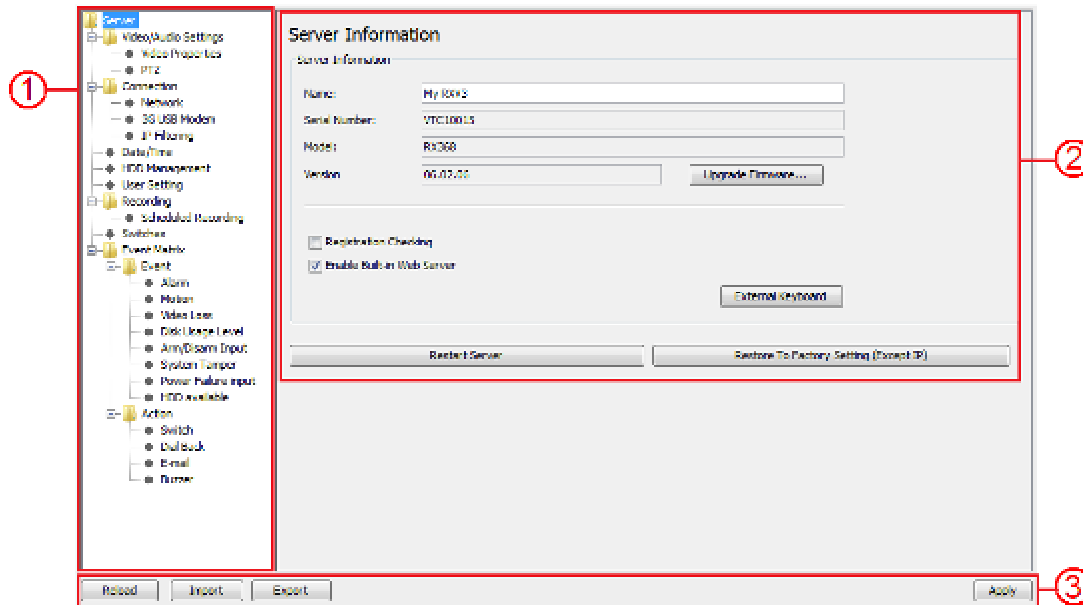


In this section, you will learn the followings:

- Enable an event
- Action for the site setting
- Siren
- Event status
- Clear event

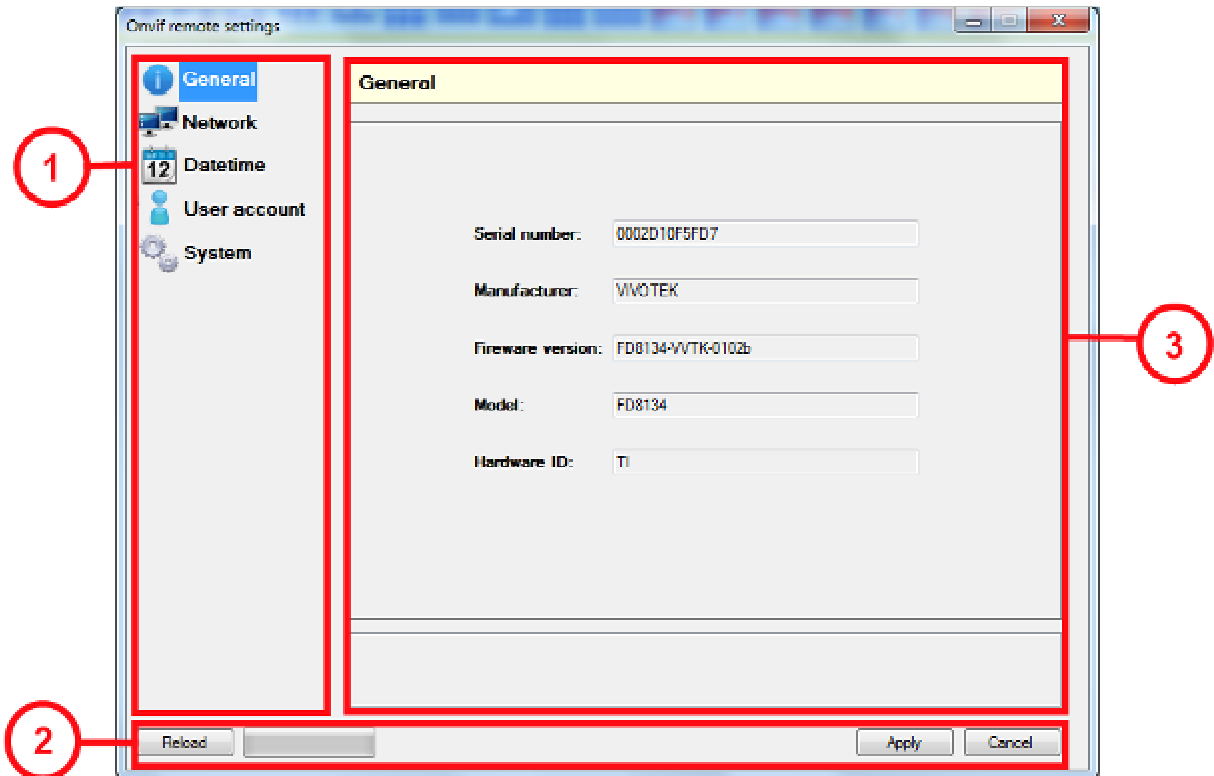
14.1. Working Environment:

TeleEye sites:



In {Site setting} window,

Panel	Name	Description
1	<u>Setting Option</u>	The Option for Setting the site, including: Server setting Connection setting Recording setting Event setting
2	<u>Option panel</u>	Based on the option, the site setting and available operation will appear in this panel
3	<u>Control Panel</u>	Contain buttons for Import/Export and reload the site setting.



In **{Site setting}** window,

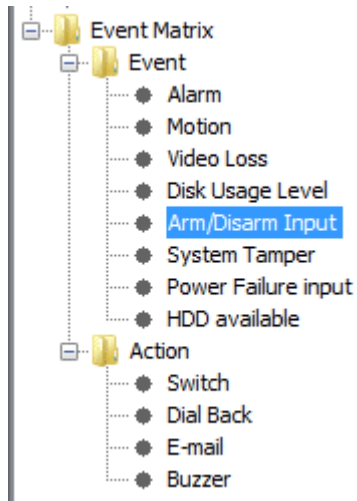
Panel	Name	Description
1	<u>Setting Option</u>	The Option for Setting the site, including: General Network Datetime System
2	<u>Option panel</u>	Based on the option, the site setting and available operation will appear in this panel
3	<u>Control Panel</u>	Contain the reload, apply and cancel button

14.2. Event

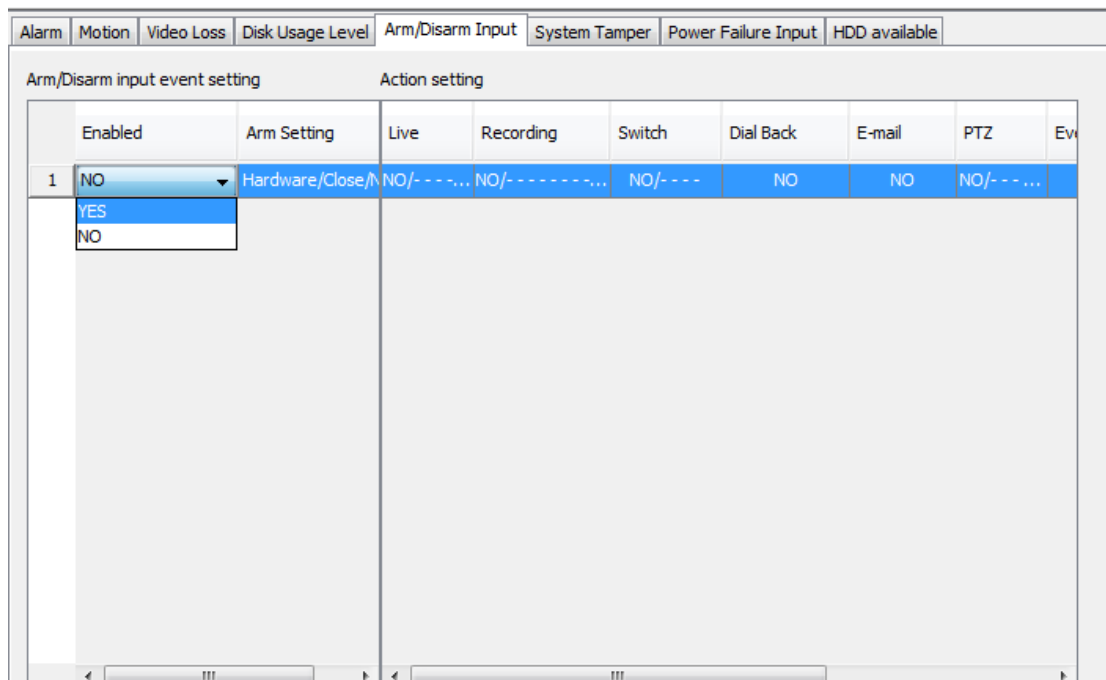
14.2.1. Arm/Disarm

To Arm/Disarm a site, follows the steps below

Step 1. In *Setting Option* of {Site setting} window, click [Arm/Disarm Input].



Step 2. *Option panel* will jump to [Arm/Disarm Input] tab.



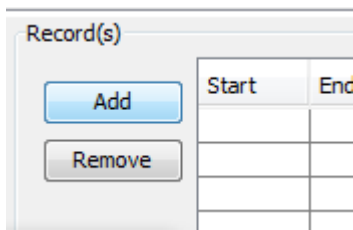
Step 3. Select **Yes/No** in “Enable” to **enable/disable** Arm

Step 4. For enable the arm event, Click “Arm Setting”, {Arm Setting} windows appear.

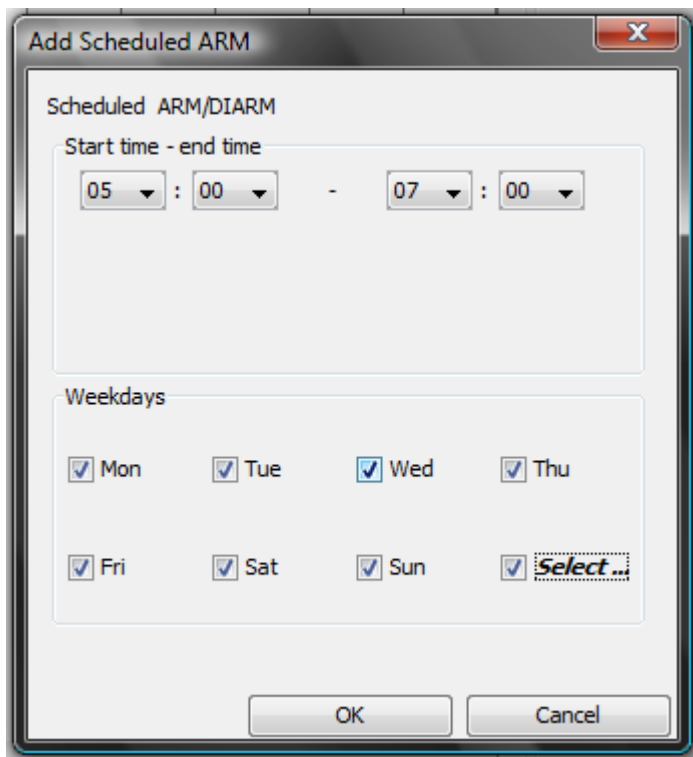
Step 5. In “Hardware mode”, select “Arm Type” to

- Close: The state of the circuit is **close**, it indicates **disarm** of the site.
- Open: The state of the circuit is **open**, it indicates **arm** of the site.

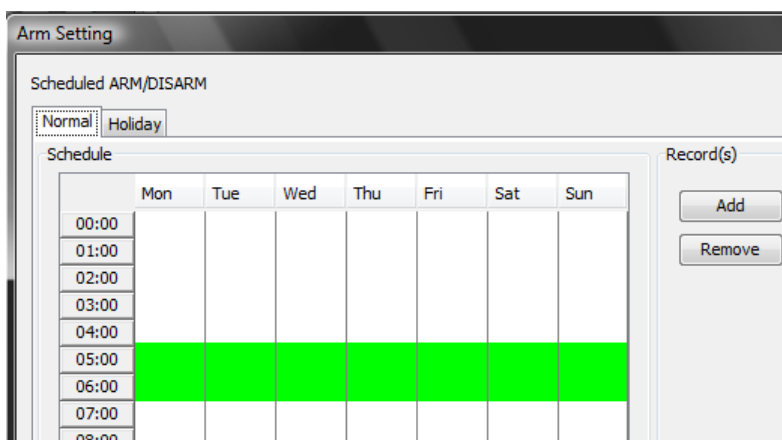
In "Normal" tab, click **[Add]** to add a time for enable Arm into schedule.



Step 9. In the new {Add Scheduled ARM} windows, select the start time, end time and Weeks day for the scheduled ARM.



Step 10. Schedule added into Normal schedule tab.



To remove the scheduled ARM, you can select the scheduled ARM and click **[Remove]** button.

Record(s)		Start	End	Mon	Tue	Wed	Thu
<input type="button" value="Add"/>	<input type="button" value="Remove"/>	05:00:00	07:00:00	o	o	o	o

Step 1. In “Holiday” tab, click **[Add]** button to add a

Scheduled ARM/DISARM		Start Date	End Date
<input type="button" value="Add"/>	<input type="button" value="Remove"/>	15/10/2009	15/10/:

Step 2. Select the start time, end time, and the start day and end day of holiday

Step 3. Holiday schedule added.

To remove the holiday schedule, you can select the scheduled holiday and click **[Remove]** button.

Scheduled ARM/DISARM		Start Date	End Date
<input type="button" value="Add"/>	<input type="button" value="Remove"/>	15/10/2009	
		15/10/2009	

Step 1. Click **[Associate Switch 1]** checkbox to enable associate switch 1 for arm/disarm input.

(Warning message will be prompt if there are feature in switch 1)

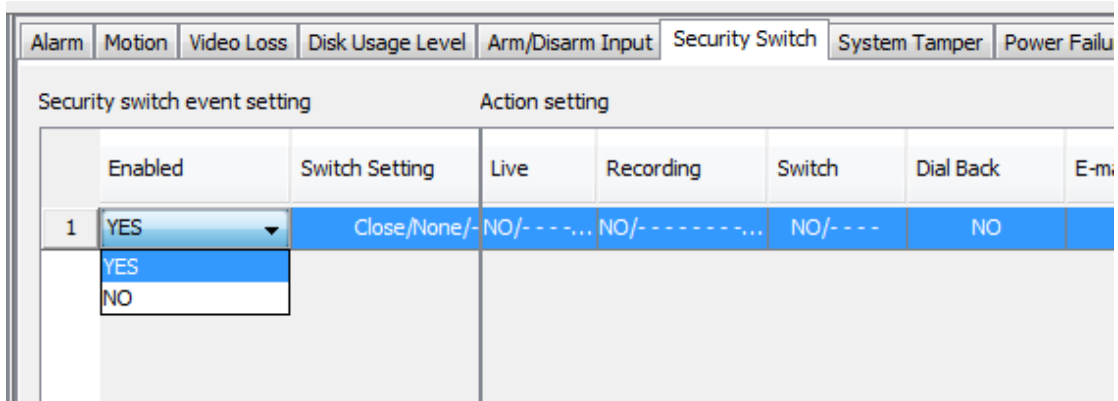
Step 2. Click **[OK]** to save the setting of ARM.

14.2.2. Security switch

To enable the security switch of a site, follow the steps below

Step 1. In *Setting Option* of {Site setting} window, click [Security Switch].

Step 2. *Option panel* will jump to [Security Switch] tab.

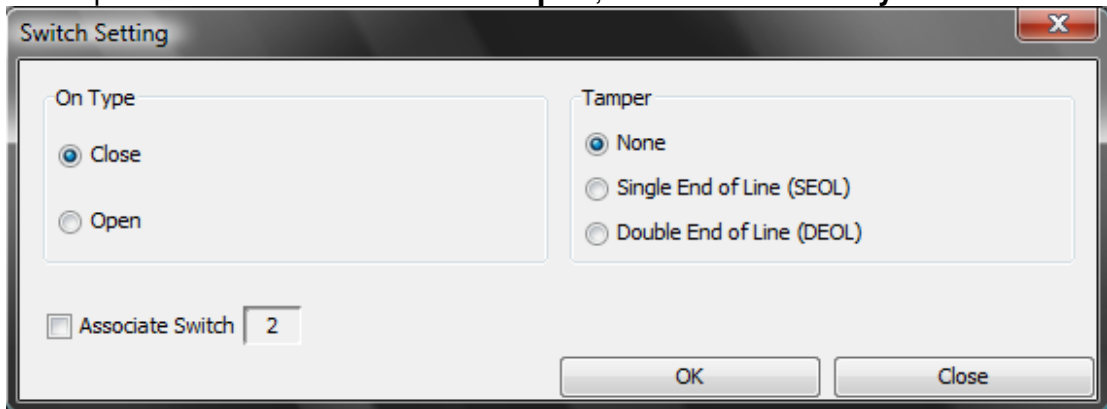


Step 3. Select **Yes/No** in “Enable” to **enable/disable** security switch.

Step 4. For enable the security switch, click “Switch Setting”, {Switch Setting} windows appear.

Step 5. Select “On Type” to

- Close: The state of the circuit is **close**, it indicates **security switch off**.
- Open: The state of the circuit is **open**, it indicates **security switch on**.



Step 6. Set the system tamper (for more information of tamper, please refer appendix 21.2)

- None:
- Single End of Line (SEOL):
- Double End of Line (DEOL):

Step 7. Click [Associate Switch 2] checkbox to enable associate switch 2 for security switch.

(Warning message will be prompt if there are feature in switch 2)

Step 8. Click [OK] to save the setting of Security switch.

14.2.3. Alarm

To enable the alarm of a site, follow the steps below

Step 1. In *Setting Option* of **{Site setting}** windows, click **[Alarm]**.

Step 2. *Option panel* will jump to **[Alarm]** tab.

The screenshot shows a software interface for configuring alarms. At the top, there is a navigation bar with tabs: Alarm, Motion, Video Loss, Disk Usage Level, Arm/Disarm Input, Security Switch, System Tamper, and Power Fail. Below this, the 'Alarm' tab is active, displaying two sections: 'Alarm event setting' and 'Action setting'. The 'Alarm event setting' section contains a table with three rows of alarm configurations. The 'Enabled' column for the first row is open, showing a dropdown menu with 'YES' and 'NO' options. The 'Action setting' section contains a table with columns for Live, Recording, Switch, Dial Back, and E-m.

Alarm event setting			Action setting				
ID	Name	Enabled	Live	Recording	Switch	Dial Back	E-m
1	ALARM 1	YES	NO/-	NO/-	NO/-	NO	
2	ALARM 2	YES	NO/-	NO/-	NO/-	NO	
3	ALARM 3	NO	NO/-	NO/-	NO/-	NO	

Step 3. Choose an alarm from “Alarm Name”, select **Yes/No** in “Enabled” to **enable/disable** Alarm.

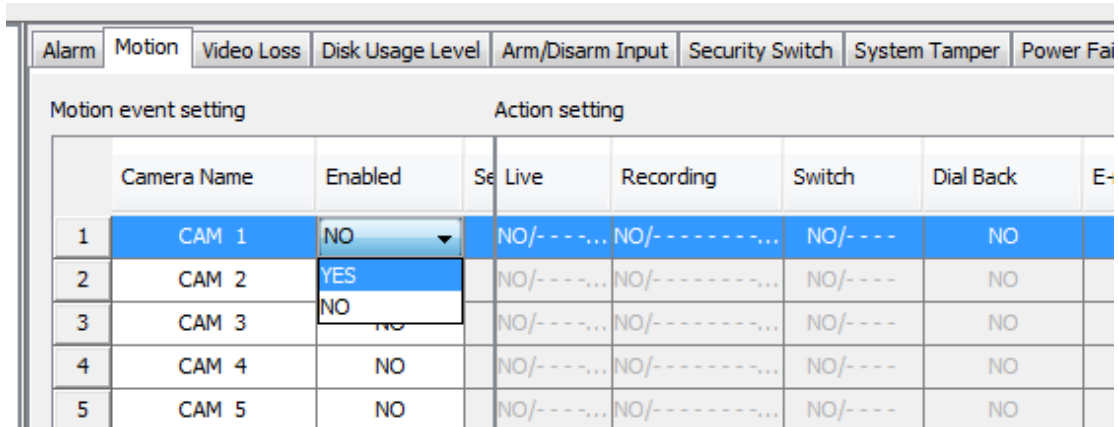
Step 4. Click **[OK]** to save the setting of alarm.

14.2.4. Motion

To enable the Motion detection of a site, follows the steps below

Step 1. In *Setting Option* of {**Site setting**} window, click[**Motion**].

Step 2. *Option panel* will jump to [**Motion**] tab.



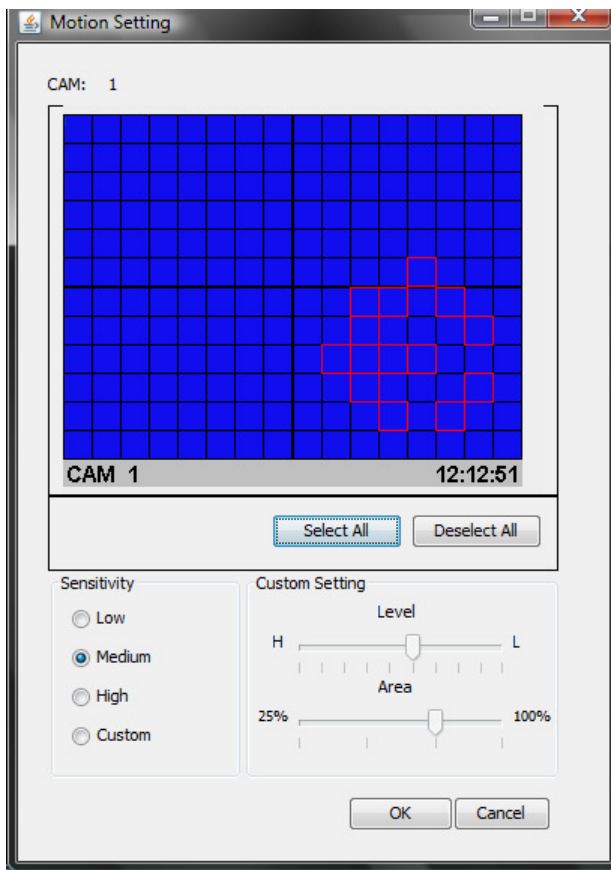
The screenshot shows a software interface with a tabbed menu at the top containing 'Alarm', 'Motion', 'Video Loss', 'Disk Usage Level', 'Arm/Disarm Input', 'Security Switch', 'System Tamper', and 'Power Fai'. The 'Motion' tab is selected. Below the tabs, there are two sections: 'Motion event setting' and 'Action setting'. The 'Motion event setting' section contains a table with 5 rows and 8 columns. The columns are: 'Camera Name', 'Enabled', 'Sel', 'Live', 'Recording', 'Switch', 'Dial Back', and 'E-'. The 'Enabled' column has a dropdown menu open for the first row (CAM 1), showing 'NO' selected and 'YES' as an option. The 'Action setting' section contains a table with 5 rows and 8 columns, with values like 'NO/-...'. The first row of the 'Motion event setting' table is highlighted in blue.

	Camera Name	Enabled	Sel	Live	Recording	Switch	Dial Back	E-
1	CAM 1	NO		NO/-... ..	NO/-... ..	NO/-... ..	NO	
2	CAM 2	YES		NO/-... ..	NO/-... ..	NO/-... ..	NO	
3	CAM 3	NO		NO/-... ..	NO/-... ..	NO/-... ..	NO	
4	CAM 4	NO		NO/-... ..	NO/-... ..	NO/-... ..	NO	
5	CAM 5	NO		NO/-... ..	NO/-... ..	NO/-... ..	NO	

Step 3. Choose an alarm from “Camera Name”, select **Yes/No** in “Enabled” to **enable/disable** Motion detection

Step 4. Click [**Setting**], the {**Motion Setting**} window appears.

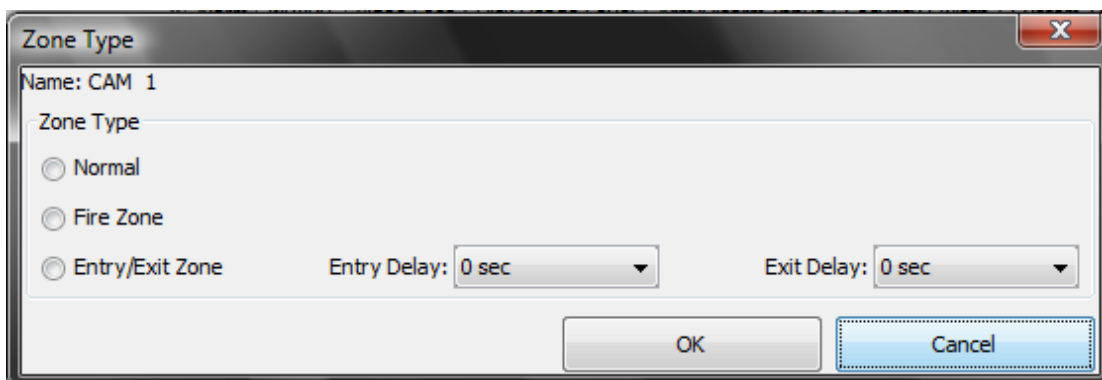
Step 5. Select the detection area by the click the blue box.



Step 6. Choose the “Sensitivity” level

- Low
- Medium
- High
- Custom -> you can set the custom setting with level and area scroll bar.

Step 7. Click “Zone type”, the **{Zone Type}** window appear.



Step 8. Click **[OK]** to save the setting of motion.

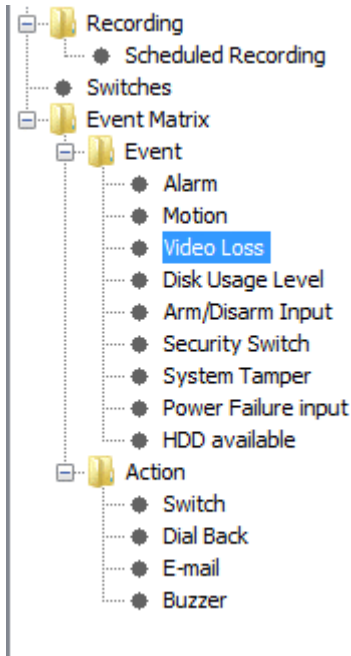
14.2.5. Video loss

Video loss can be triggered when the video channel input disappears. It will happen if

the transmitter receives no signal from the camera. The live camera displays a blue picture for video loss condition.

To enable the video loss of a site, follow the steps below

Step 1. In Setting Option of {Site setting} window, click [Video Loss].



Step 2. Option panel will jump to [Video loss] tab.

Video loss event setting		Action setting			
Camera Name	Enabled	Live	Recording	Switch	Dial Back
1 CAM 1	YES	NO/- - - - -	YES/- 2 - - - - -	NO/- - - -	YES
2 CAM 2	YES	NO/- - - - -	NO/- - - - - -	NO/- - - -	NO
3 CAM 3	NO	NO/- - - - -	NO/- - - - - -	NO/- - - -	NO
4 CAM 4	NO	NO/- - - - -	NO/- - - - - -	NO/- - - -	NO
5 CAM 5	NO	NO/- - - - -	NO/- - - - - -	NO/- - - -	NO

Step 3. Choose a camera from “Camera Name”, select **Yes/No** in “Enabled” to **enable/disable** Video loss

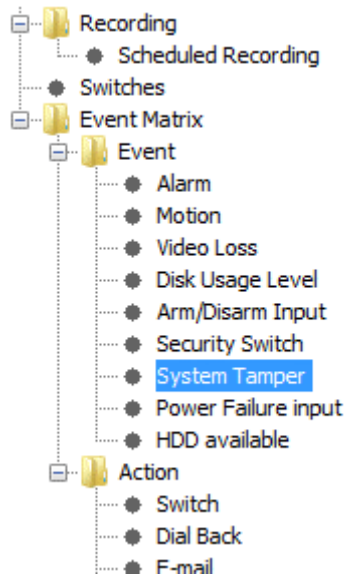
Step 4. Click [OK] to save the setting of Security switch.

14.2.6. System tamper

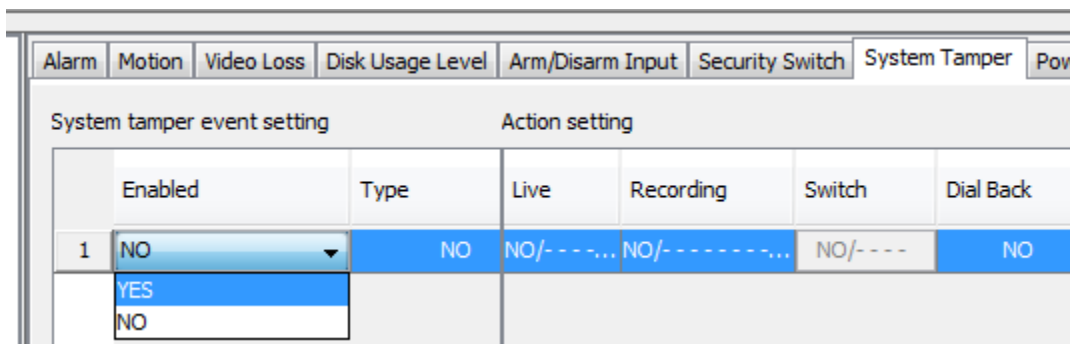
It is an input to the transmitter for wiring a tamper switch of the external cabinet outside the transmitter and its accessories. The purpose of system tamper event is to prevent someone to break into the cabinet and destroy the transmitter.

To enable the system tamper of a site, follow the steps below

Step 1. In Setting Option of {Site setting} window, click [System Tamper].



Step 2. Option panel will jump to [System Tamper] tab.



Step 3. Select **Yes/No** in “Enabled” to **enable/disable** System tamper

Step 4. Select **NO/NC** in “Type”

- NO: Open the sensor
- NC: Close the sensor

Step 5. Click [OK] to save the setting of System tamper.

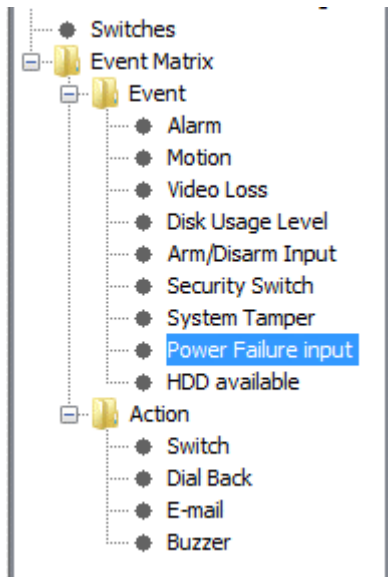
*** For more information of tamper, please refer appendix 21.2

14.2.7. Power failure

It is an input to the transmitter typically used for wiring the output signal pin from UPS.

To enable the Power failure of a site, follow the steps below

Step 1. In Setting Option of {Site setting} window, click [Power Failure input].



Step 2. Option panel will jump to **[Power Failure input]** tab.

Power failure event setting		Action setting					
Enabled	Type	Live	Recording	Switch	Dial Back	E-mail	P
1	NO	NO/-... ..	NO/-... ..	NO/-... ..	NO	NO	NO

Step 3. Select **Yes/No** in “Enabled” to **enable/disable** power failure

Step 4. Select **NO/NC** in “Type”

- NO: Open the sensor
- NC: Close the sensor

Step 5. Click **[OK]** to save the setting of Power failure Input.

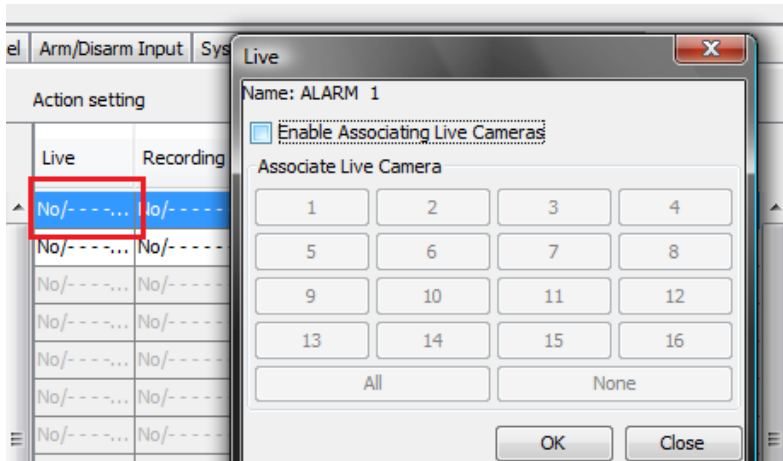
14.3. Action

14.3.1. Live camera

Event associate live camera display real time live video of pre-selected camera if an event triggers, so operator can immediately know what happen from the site. Live camera action can only display live video **one** time before you clears the event

To set the Live camera action of a site, follows the steps below

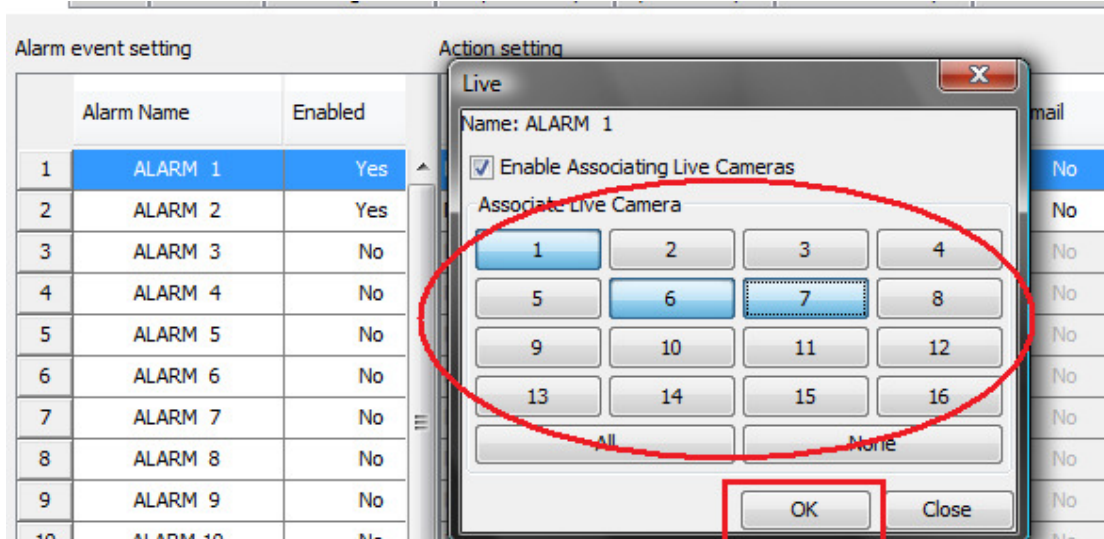
Step 1. In Option panel of **{Site setting}** window, click **[Live]** under Action setting.



Step 2. The **{Live}** window appears.

Step 3. Tick the box of “Enable Associating Live Cameras”.

Step 4. Select the associate cameras to the event



Step 5. Click **[OK]** to save the setting.

14.3.2. Recording

Recording

If an event triggers, recording can record the video content at you selected camera with selected recording mode.

Pre-Alarm Recording

Pre-alarm recording allows to record video before an event trigger. The period of pre-alarm recording is at least 1 minute (not more than 2 minutes) before the event trigger. You can find that there is at least 1 minute more video content on **{Search Playback Log}** panel before event trigger.

Duration After Event Clear

After event resets, the recording action will stop after this duration time.

Recording Mode

Event recording provides 2 recording modes, 1 frame per second (1 FPS) and continuous mode. In 1 FPS mode, the recording frame rate is less, so the storage size is small. In continuous mode, the recording frame rate depends on the number of recording camera and more than 1 FPS, so the storage size is larger.

Disk Mode

Cyclic disk mode can erase the oldest recording data in hard disk if the hard disk is full, and continue to record video. Fix disk mode need to stop all recording if hard disk is full.

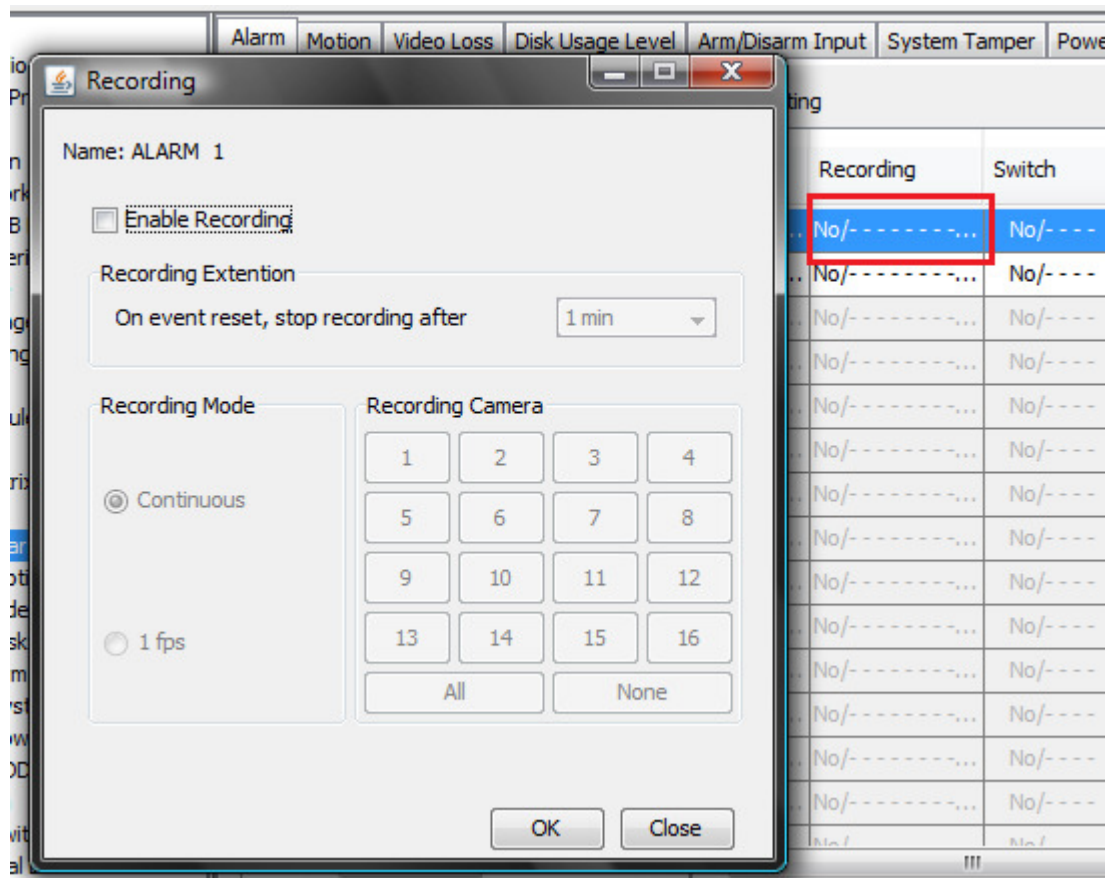
Quality

This is the quality of the recorded video. The quality is divided into 5 levels (in ascending quality order) : low, fair, medium, good and excellent.

Resolution

To set the Recording of a site, follows the steps below

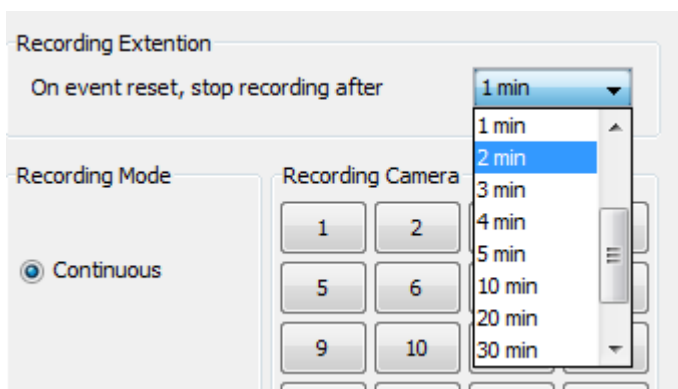
Step 1. In Option panel of **{Site setting}** window, click **[Recording]** under Action setting.



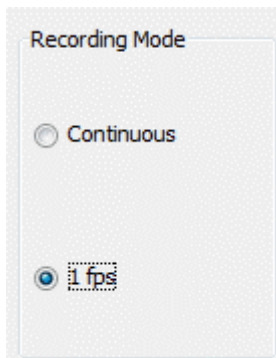
Step 2. The **{Recording}** window appears.

Step 3. Tick the box of “Enable Recording”.

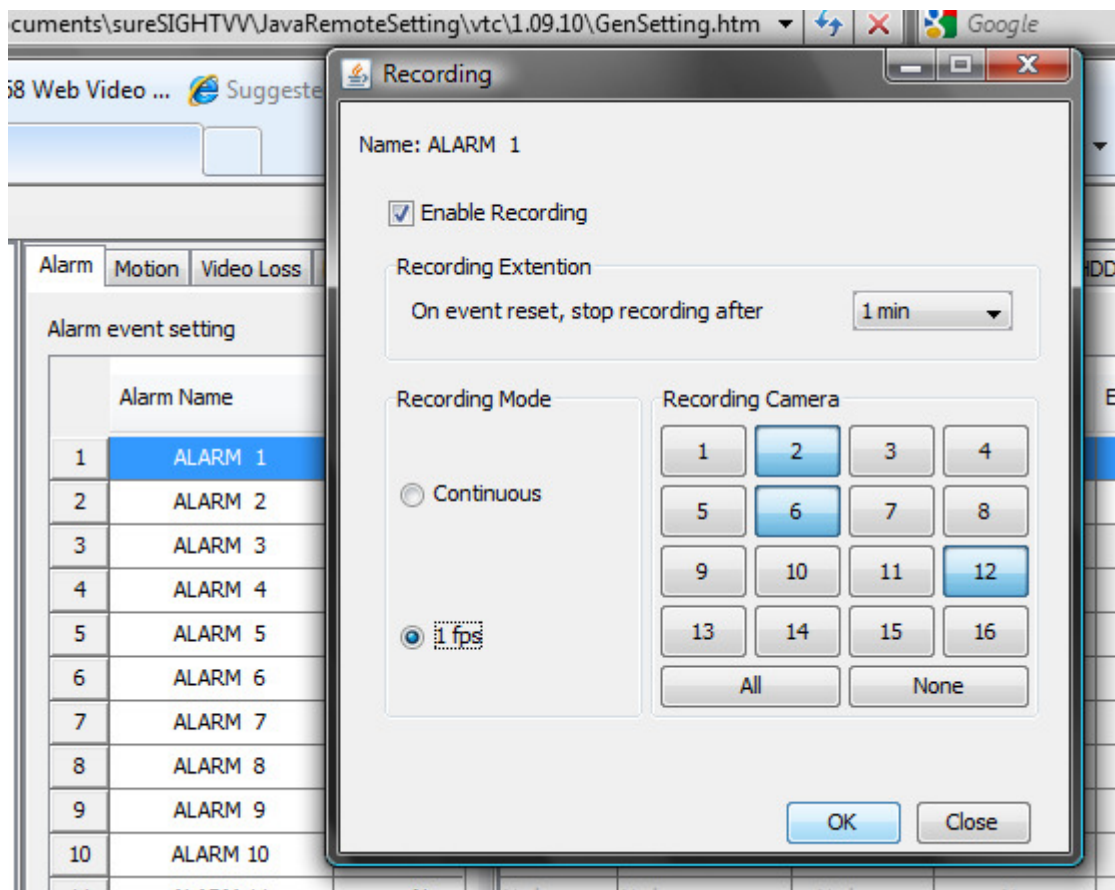
Step 4. In Recording Extension, set the stop recording



- Step 5. Select the Recording Mode
- Continuous: Recording frame rate depends on the number of recording camera and more than 1 FPS, storage size is larger.
 - 1 fps: Recording frame rate is less, so the storage size is small.



- Step 6. Select the associate cameras to the event



- Step 7. Click [OK] to save the setting.

14.3.3. Switch

Switch allows transmitter to control 4 external relays which are defined by user.

Switch Type

Switch has 2 types. They are latching or push-button type. In latching type, the switch turns on for a period of time. In push-button type, the switch turns on and off after 1 second.

Latching Duration

The latch duration period is the time for turning on the switch.

Action Delay

The delay is the period of time after turning off the switch before next turning on.

Latching Duration and Action Delay Example

For latch type switch, set latch duration 10sec and action delay 10sec. If an event trigger, the timing of the switch is shown on the right.

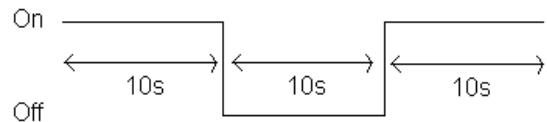


Fig 8.2.3a

For push-button type switch, set latch duration 10sec and action delay 10sec. If an event trigger, the timing of the switch is shown on the right.

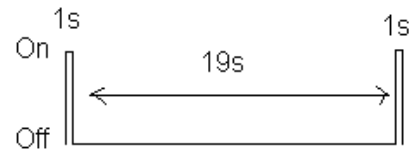


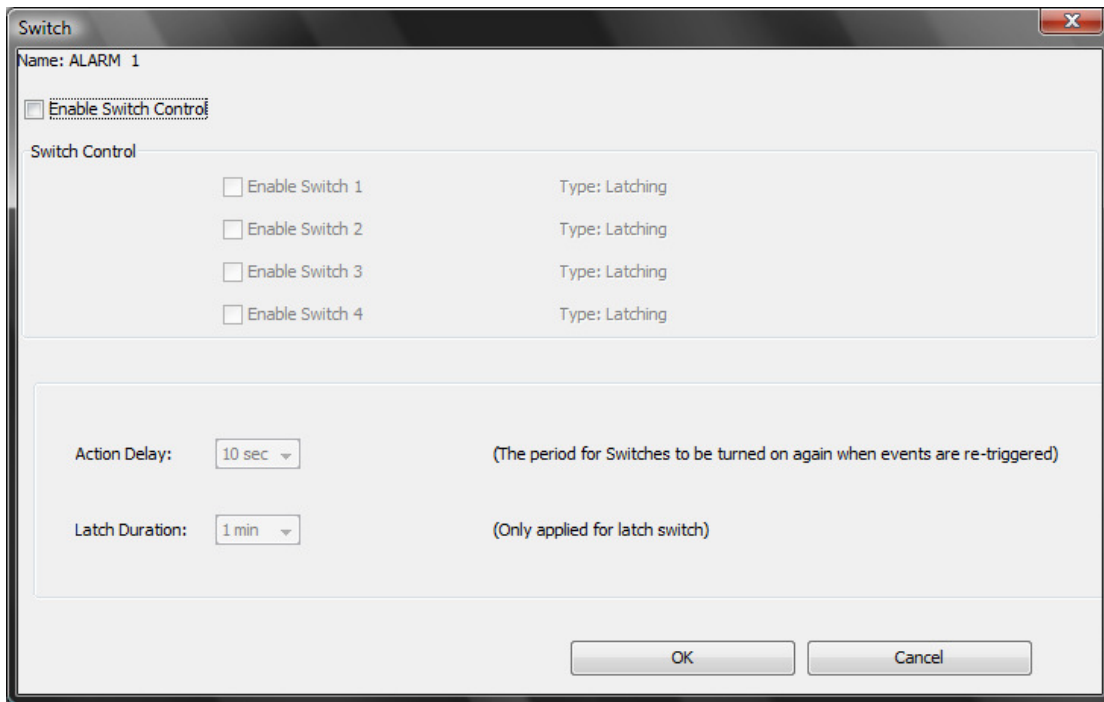
Fig 8.2.3b

To set the Switch of a site, follows the steps below

Step 1. In Option panel of **{Site setting}** window, click **[Switch]** under Action setting.

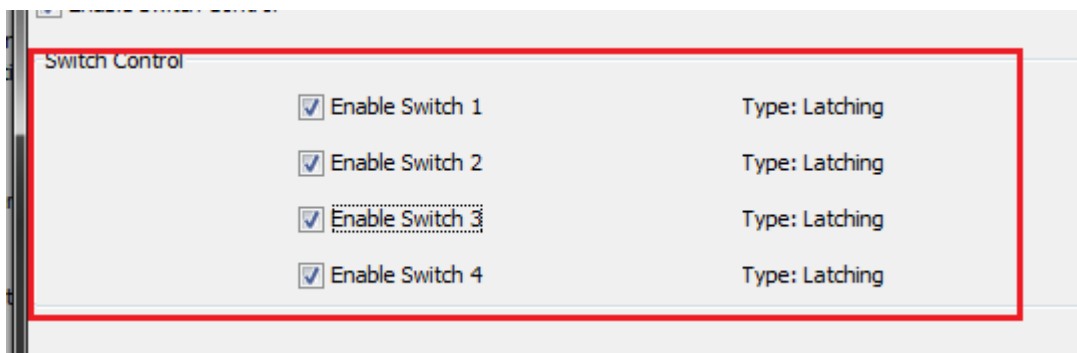
Level	Arm/Disarm Input	System Tamper	Power Failure Input	HDD Available	Action setting		
	Live	Recording	Switch	Dial Back	E-mail	PTZ	
	No/-----	No/-----	No/----	No	No	No/-----	
	No/-----	No/-----	No/----	No	No	No/-----	
	No/-----	No/-----	No/----	No	No	No/-----	

Step 2. The **{Switch}** window appears.



Step 3. Tick the box of "Enable Switch Control".

Step 4. In Switch Control, set the Switch to enable.

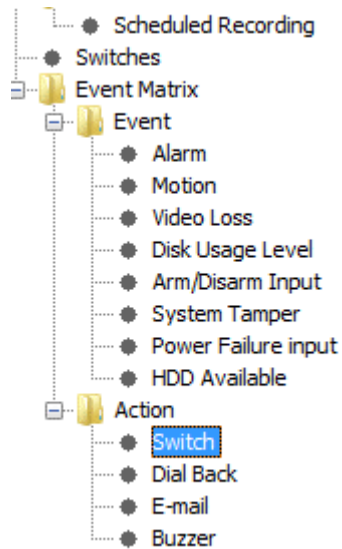


Step 5. Click **[OK]** to save the setting.

Action setting of Switch

To set the overall performance of switches, follow the steps below

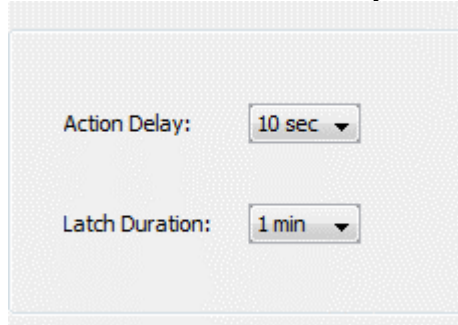
Step 1. In Setting Option of {Site setting} window, click [Switch].



Step 2. Option panel will jump to [Switch] tab.



Step 3. Select the Action Delay & Latch Duration



14.3.4. Dial back

Dial Back

Dial back allows the transmitter to connect to one remote PC and displays live video if an event triggers. Therefore, remote operator can recognize what situation is at the surveillance area.

Retry Duration

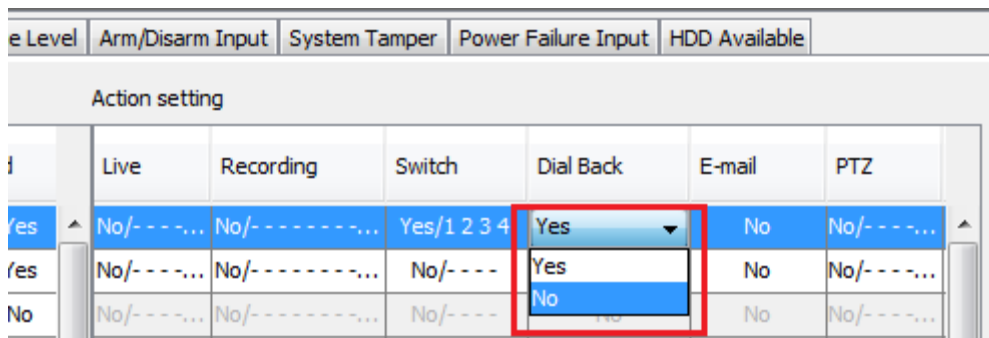
The retry duration is the period between each dial back retrieval (in second).

Retry Count

The retry count is the number of dial back retrieval if dial back fails.

To set the Dial back of a site, follow the steps below

Step 1. In Option panel of **{Site setting}** window, click **[Dial Back]** under Action setting.

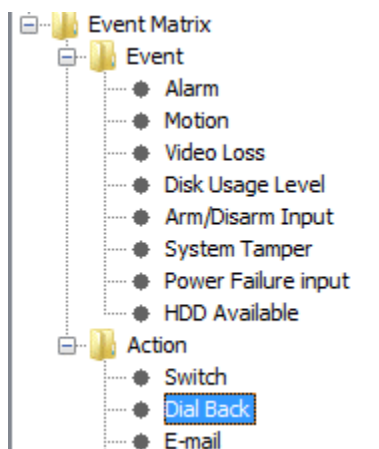


Step 2. Select Yes/No to enable/disable the Dial Back.

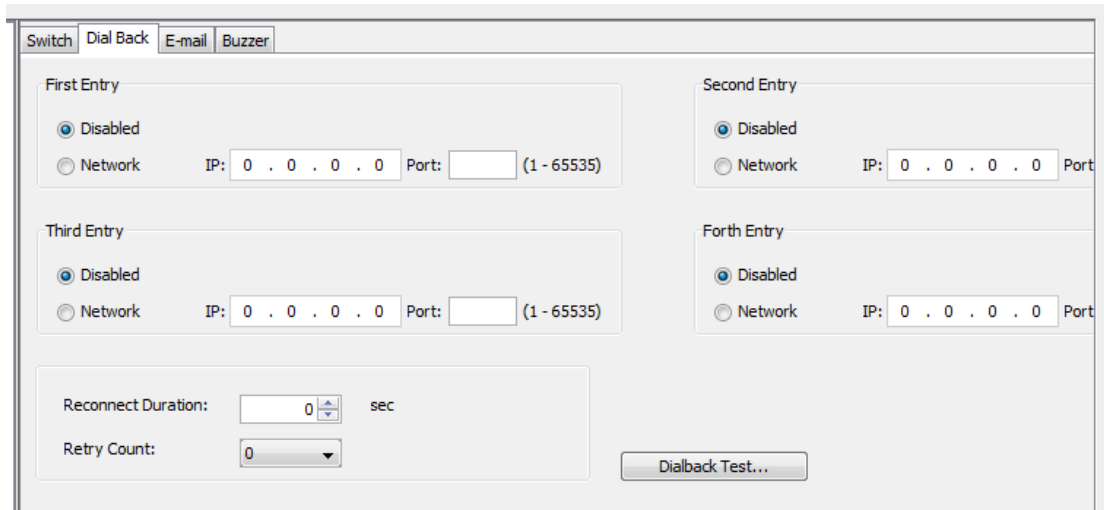
Action setting of Dial Back

To set the overall performance of Dial Back, follow the steps below

Step 1. In Setting Option of **{Site setting}** window, click **[Dial Back]**.

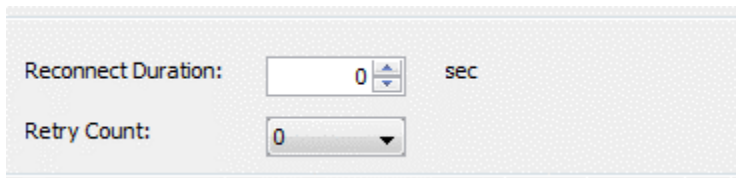


Step 2. Option panel will jump to **[Dial Back]** tab.



Step 3. Enter the Dial Back according to their priority

Step 4. Select the Reconnect Duration & Retry Count



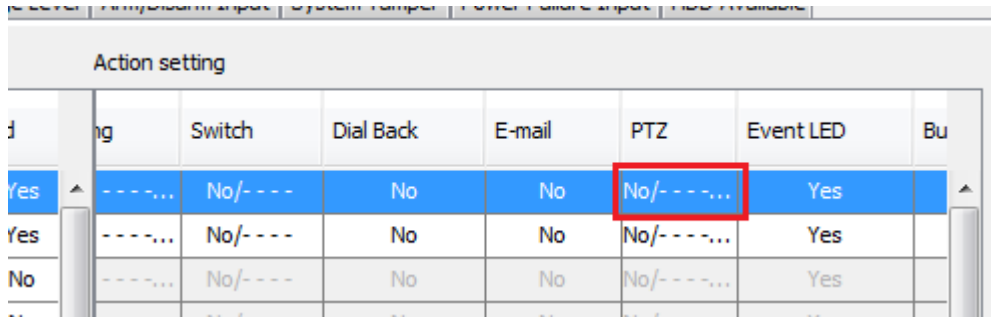
Step 5. If require, do a Dial back Test by **[Dialback Test...]** button

14.3.5. Pan Tile Zoom (PTZ)

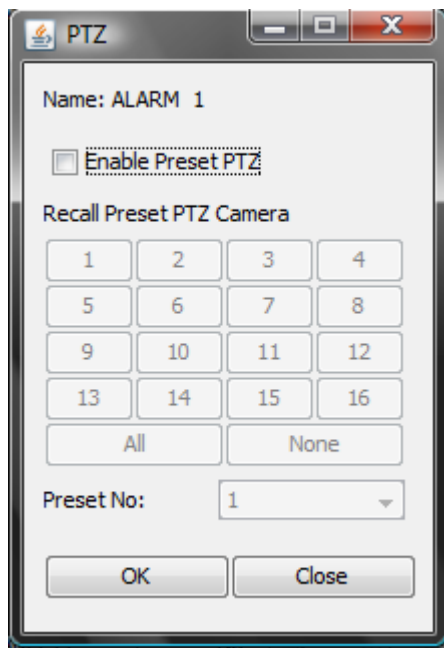
PTZ camera action allows the pan tilt zoom camera to go to user preset position for viewing what happen if an event trigger.

To set the Pan Tile Zoom of a site, follow the steps below

Step 1. In Option panel of **{Site setting}** window, click **[PTZ]** under Action setting.



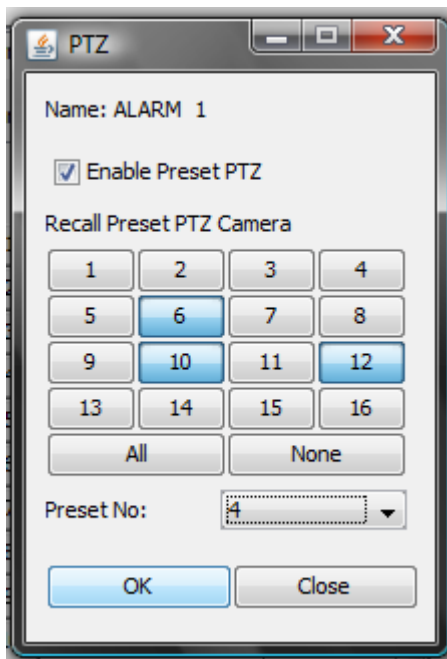
Step 2. The **{PTZ}** window appears.



Step 3. Tick the box of “**Enable Present PTZ**”.

Step 4. Select the Recall Present PTZ Camera

Step 5. Select the Present No



Step 6. Click [OK] to save the setting.

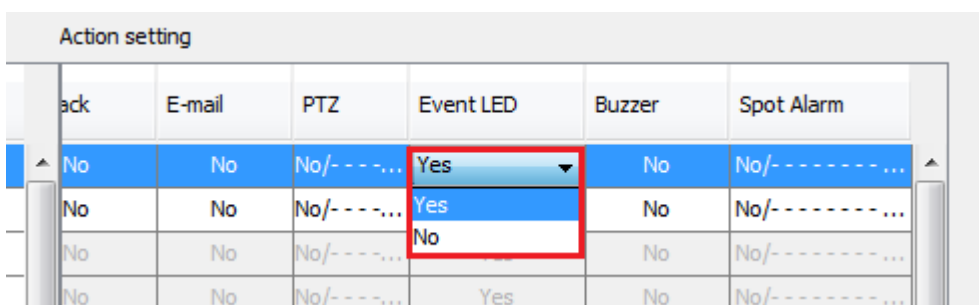
14.3.6. Event LED



The event LED is the LED built on the front panel of TeleEye RX transmitter . If an event trigger, the LED is blinking until the event is clear.

To set the event LED of a site follows the steps below

Step 1. In Option panel of {Site setting} window, click [Event LED] under Action setting.

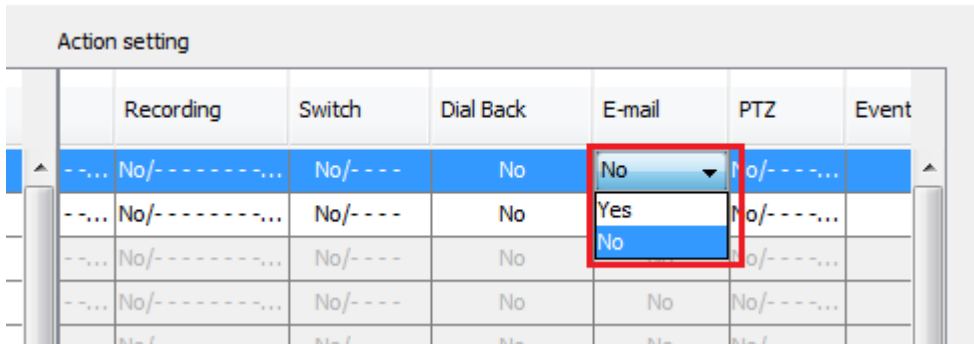


Step 2. Select Yes/No to enable/disable the Event LED.

14.3.7. E-mail

To set the E-mail Action of a site, follow the steps below

Step 1. In Option panel of **{Site setting}** window, click **[E-mail]** under Action setting.



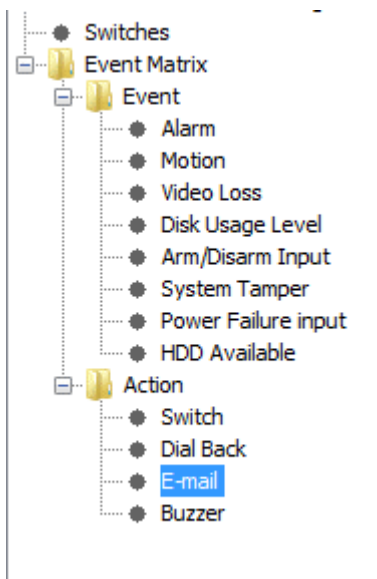
	Recording	Switch	Dial Back	E-mail	PTZ	Event
...	No/-	No/-	No	No	No/-	...
...	No/-	No/-	No	Yes	No/-	...
...	No/-	No/-	No	No	No/-	...
...	No/-	No/-	No	No	No/-	...

Step 2. Select Yes/No to enable/disable the E-mail Action.

Action setting of E-mail

To set the overall performance of E-mail, follow the steps below

Step 1. In Setting Option of **{Site setting}** window, click **[E-mail]**.



Step 2. Option panel will jump to **[E-mail]** tab.

The screenshot shows a configuration panel with four tabs: Switch, Dial Back, E-mail, and Buzzer. The E-mail tab is active. It is divided into three sections: Server Information, E-mail Accounts, and Settings. The Server Information section includes fields for SMTP Server, Account Name, Password, Timeout (set to 1), and Retry Count (set to 1). There is an unchecked checkbox for 'Enable Authentication'. The E-mail Accounts section has four fields for E-mail Address 1 through 4, and a field for Sender Email. The Settings section has two dropdown menus: Action Duration (set to 10 sec) and Max No. of E-mail (set to 5). An 'E-mail Test...' button is located at the bottom right of the panel.

Step 3. In Server Information, Enter the SMTP Server and the account (if require), select the **[Timeout]** & **[Retry Count]**

Step 4. In E-mail Accounts, Enter the **[E-mail Address]** according to their priority

Step 5. Set the **[Action Duration]** and **[Max Number of E-mail]**.

This is a close-up view of the Settings section from the previous screenshot. It shows two dropdown menus: 'Action Duration' set to '10 sec' and 'Max No. of E-mail' set to '5'. An 'E-mail Test...' button is visible to the right of the settings.

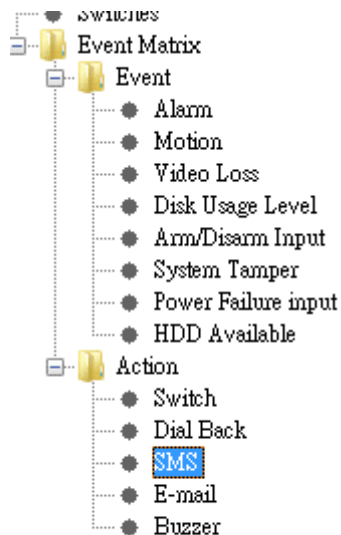
Step 6. If require, do an E-mail Test by **[E-mail Test...]** button

14.3.8. SMS

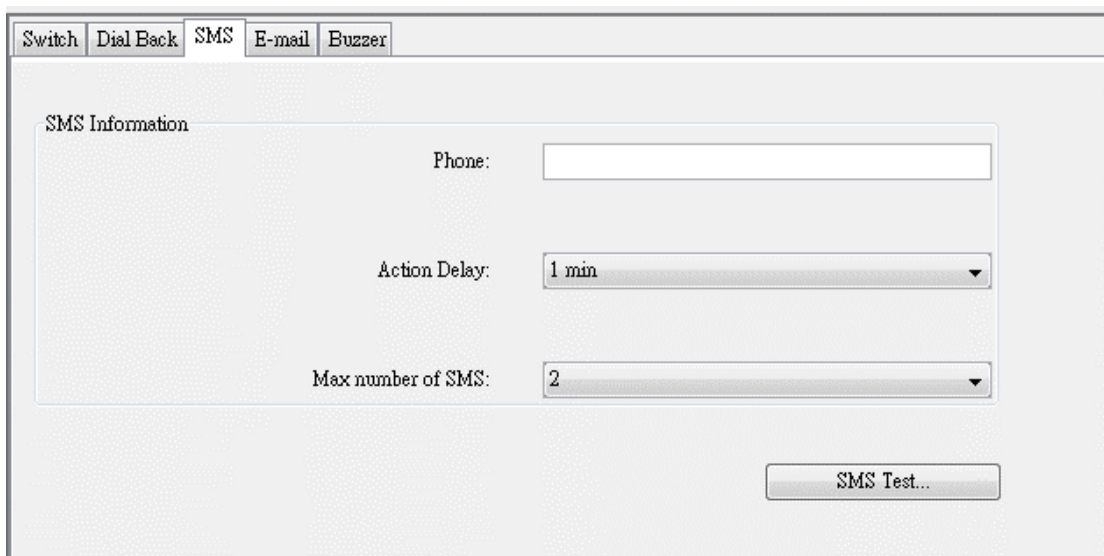
For some of the RX site, they will have a SMS function for Action

To set the performance of SMS, follow the steps below.

Step 1. In Setting Option of **{Site setting}** window, click **[SMS]**.



Step 2. Option panel will jump to **[SMS]** tab.



Step 3. Enter the receiver **[Phone]**, **[Action Delay]** and **[Max number of SMS]**.

Step 4. If require, do a SMS Test by **[SMS Test...]** button.

14.3.9. Buzzer

This buzzer contains inside the TeleEye RX transmitter. It can produce “Beep” sound

in order to draw nearby operator attention about an event trigger.

Duration

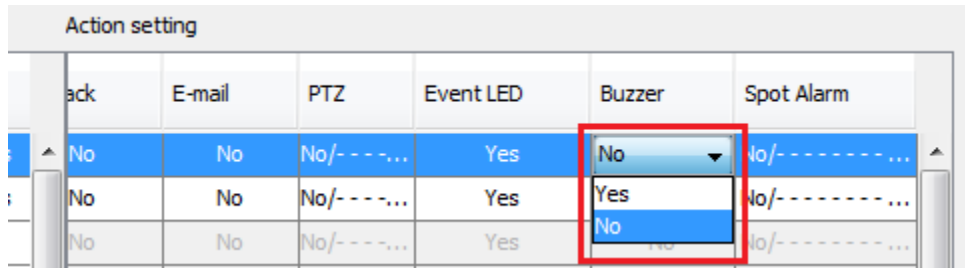
Duration is the period for turning on the buzzer.

Action Delay

Action delay is the period after turning off the buzzer turning on.

To set the Buzzer of a site, follows the steps below

Step 1. In Option panel of {Site setting} window, click **[Buzzer]** under Action setting.

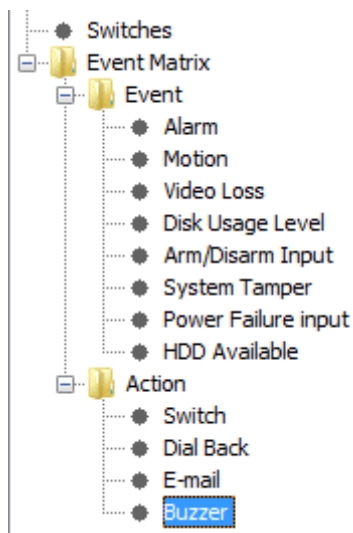


Step 2. Select Yes/No to enable/disable the Buzzer.

Action setting of E-mail

To set the overall performance of Buzzer, follow the steps below

Step 1. In Setting Option of {Site setting} window, click **[Buzzer]**.



Step 2. Option panel will jump to **[Buzzer]** tab.

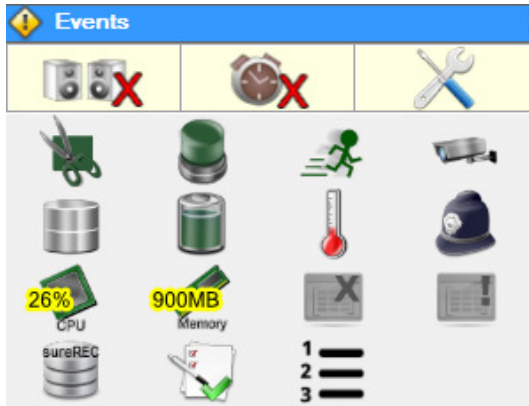
Step 3. Set the **[Duration]** and **[Action Delay]** of the Buzzer.

14.4. Siren

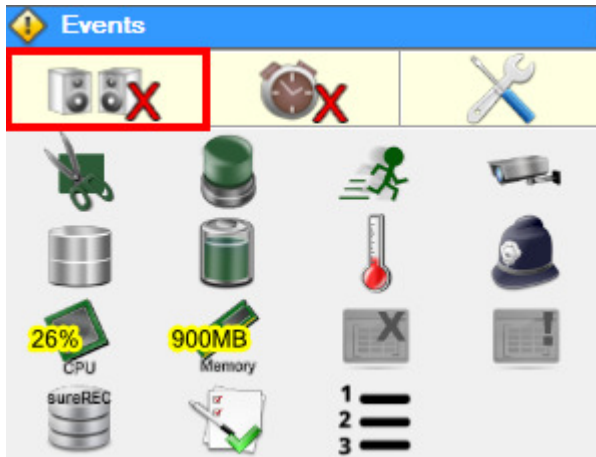
The siren can produce a “Don” sound in order to let you know an event trigger. You can set duration time for turning on the siren if event trigger.

To On/Off the Siren of a site, follows the steps below

Step 1. In **{Live View}**, The Siren symbol {  } in system status will flashing when an event happen




Step 2. In System status, click the Siren Symbol



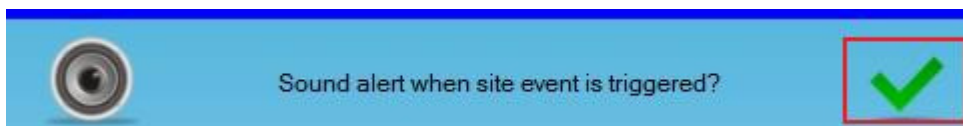
Step 3. The Symbol will back to  when the Siren Off

14.5. Global event indicator setting

You can setup the global event indicator in the {Global event indicator setting} page by clicking the  button.



Click the **[Tick/Cross]** button can enable/disable a group of alert sound settings. For example, you can disable all the site event alert sound settings by clicking the button. **[Tick]** indicates the option is enabled and **[Cross]** indicates the option is disabled.



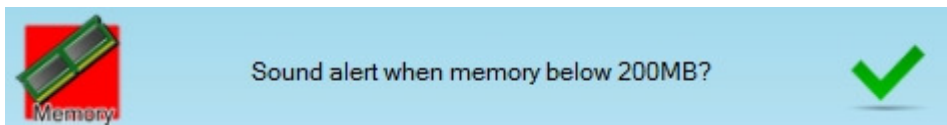
All alert sound of site event is disabled.

Or you can click the icon to enable/disable one kind of the site event alert sound.

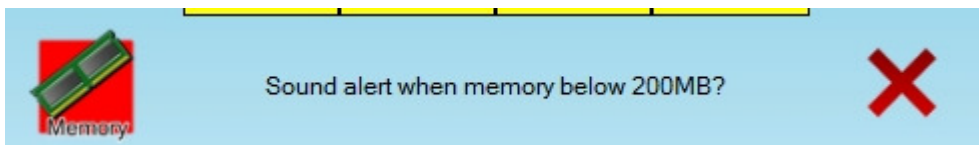


Tempering alert sound is disabled

The alert sound of other indicators can also be enable/disable by click its **[Tick/Cross]** button.



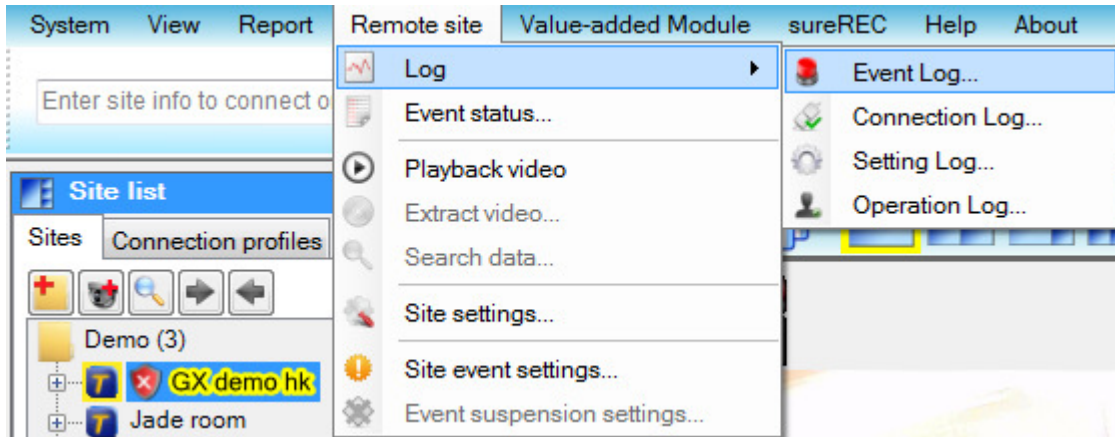
Alert sound of low memory is enabled



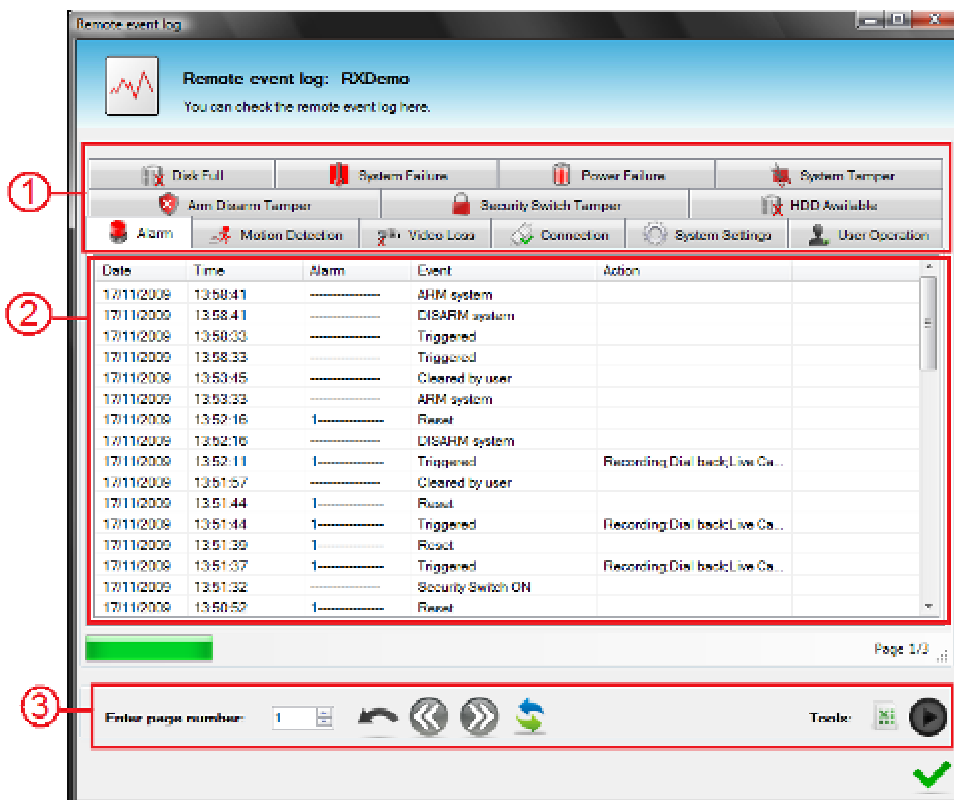
Alert sound of low memory is disabled

14.6. Event Log

After connected to the site and finish the event setting, you can check for the event status of the site categorize by event type, to check for the status, follow the step below.



To open the **{Remote event log}** windows, you should select **[Remote site] -> [Log] -> (one of the Log...according to user requirement)** from **{Main menu}**.
*****4 of the Log will redirect to the same {Remote event log} windows**




In **{Remote event log}** windows,

Panel	Name	Description
1	<u>Event tab</u>	Categories the event into Tab

2	<u>Event record</u>	The timeslot, status and event happen under the categories
3	<u>Navigation panel</u>	You can navigate other pages of result, export the log, playback and exit

Export the log

You can select  button to export the log into an excel file

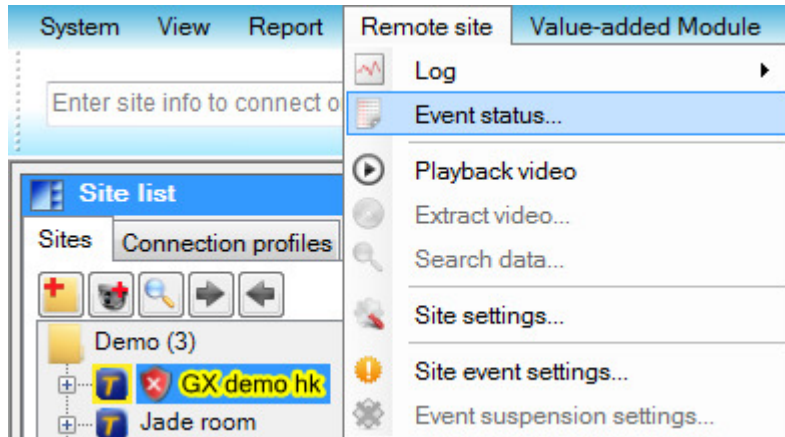
Playback

Step 1. Select a record from Event record

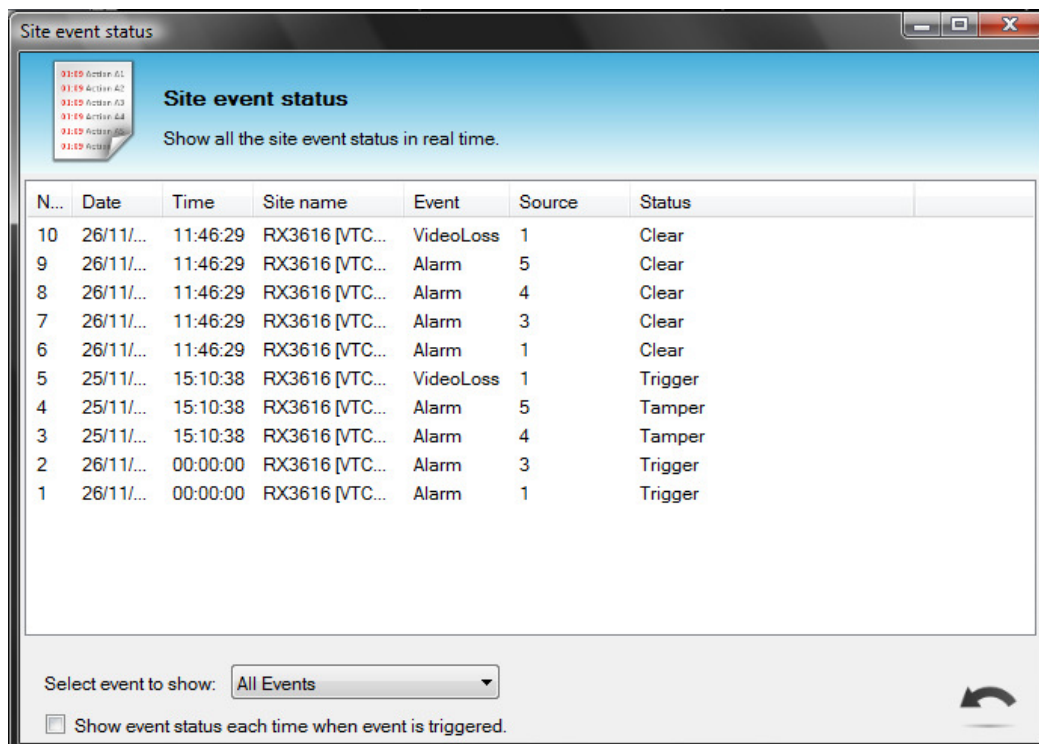
Step 2. Then click the [] button to start the replay.

14.7. Event status


After connected to the site and finish the event setting, you can check for the event status of the site categorize by event type, to check for the status, follow the step below.



To open the **{Site event status}** windows, you should select **[Remote site]** -> **[Event status]** from **{Main menu}**.



In **{Site event status}** windows, it shows all the site event status in real time. You can also use the drop down manual to select on run event to show.

All of the event will appear although you clear the selected event by  .

14.8. Clear event

To clear event of a site, follows the steps below

Step 1. In **{Live View}**, The Event symbol {  } in system status will flashing when an event happen

Step 2. In System status, click the Event Symbol

Step 3. The Symbol will back to  when the Event cleared

Also, you can clear the events on the live view screen directly.

Step 1. When event appear, the event icons will appear on the right hand corner of the screen



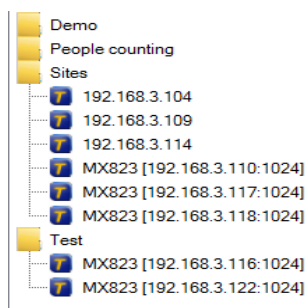
Step 2. Click the events icons, the confirmation of delete will prompt.

Step 3. OK to remove the events.

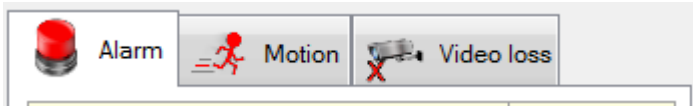
14.9. Associate camera setting

Step 1. NX/MX camera associate setting can be set by **[Remote site] -> [Site event settings...]**.

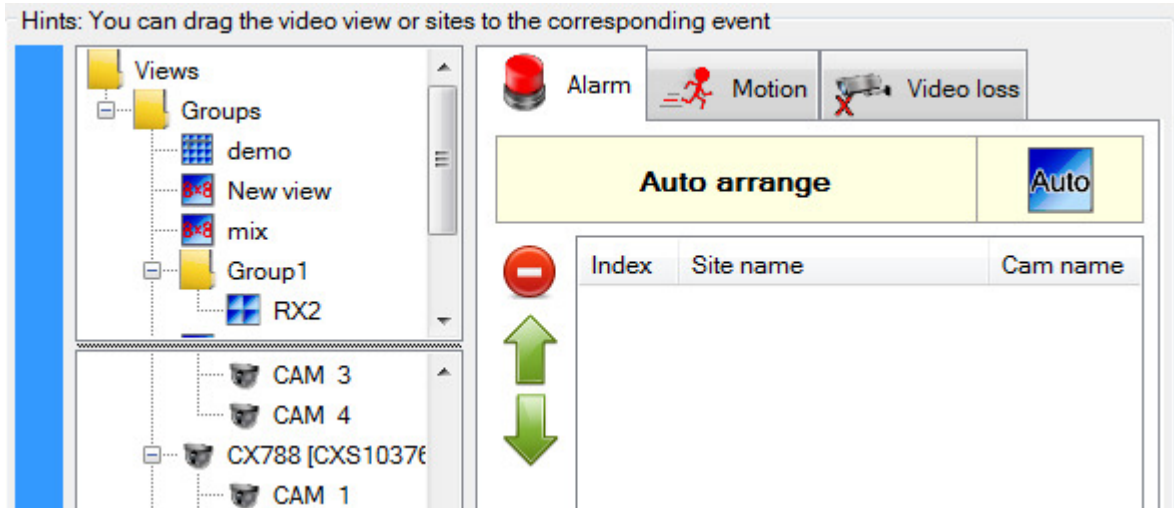
Step 2. Select a NX/MX camera



Step 3. Choose a corresponding event.



Step 4. Drag the connection profile or site to display on the spot window when event triggered.



Step 5. Click [Tick] to apply the setting.

14.10. Event suspension settings

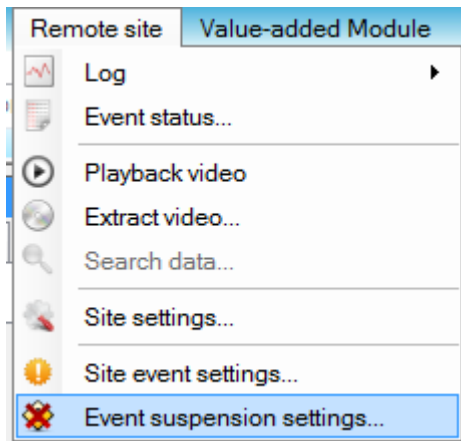
{Event suspension settings} allow you to stop a specified triggering or triggered sensor not to raise any events within a period.

This feature is support by the RX series

14.10.1. Event suspension management

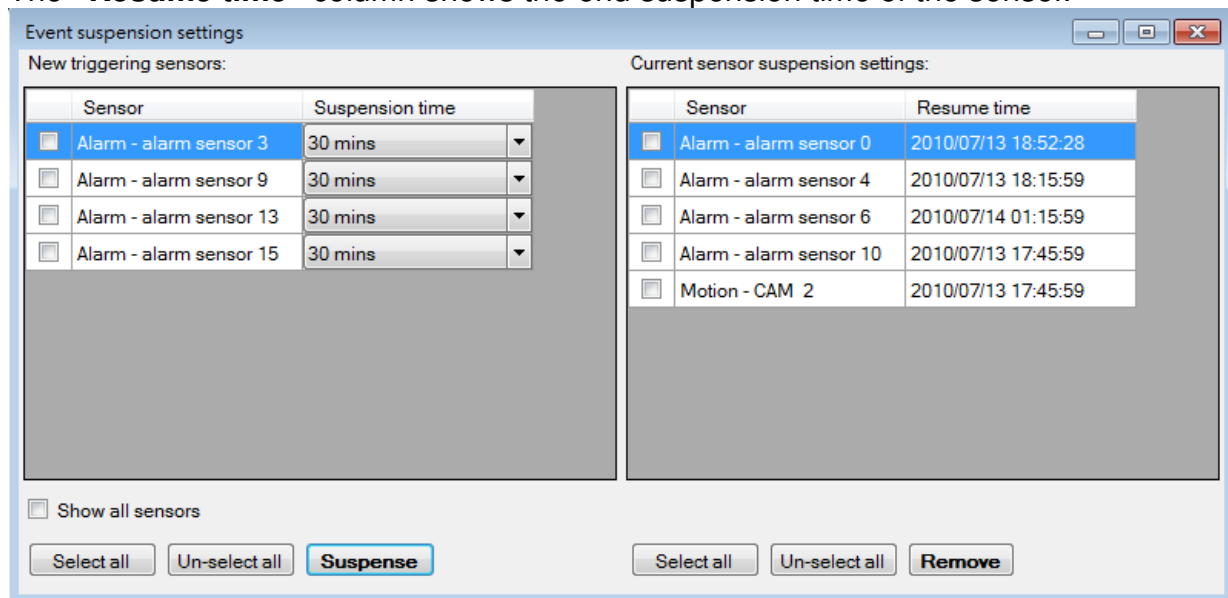
To manage event suspension time of a video server, you must connect the server first.

When the video server is connected, you can select [Remote site] -> [Event suspension settings...] from {Main menu} to open the {Event suspension settings} window.



All triggering or triggered events are listed in the left table **{New triggering sensors}** and all current events settings are listed in the right table **{Current sensor suspension settings}**.

The “**Resume time**” column shows the end suspension time of the sensor.



You can check the triggering or triggered sensor and choose a suspension time in **{Suspension time}** and click **[Suspense]** to deny the sensor.

When the triggered sensor alarm event is suspended, the alarm will not be noticed within that suspension period.

Check **[Show all sensors]**, the list will show all enabled sensors of video server.

Uncheck it, it will show the triggering sensor only.

If you want to enable the sensor again, you can remove the sensor from the **{Current sensor suspension settings}**.

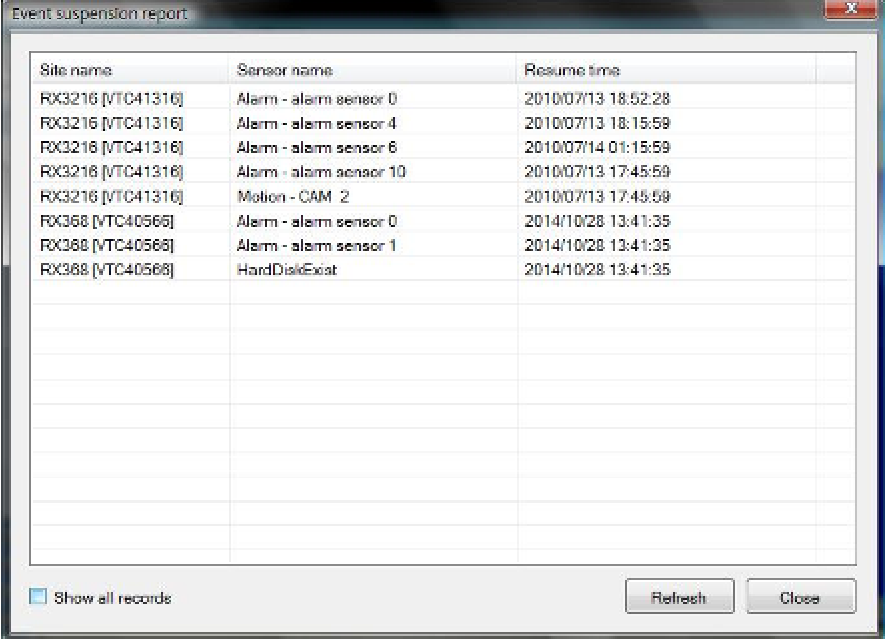
When the suspension period is past, the sensor will be enabled automatically.

14.10.2. Event suspension report

Event suspension report will show all suspension settings of all videos server.

You can select **[Report]** -> **[Event suspension report...]** from **{Main menu}** to open the **{Event suspension report}** window.

The enabled suspension period settings are listed in the table.



The screenshot shows a window titled "Event suspension report" with a table containing the following data:

Site name	Sensor name	Resume time
RX3216 [VTC41316]	Alarm - alarm sensor 0	2010/07/13 18:52:28
RX3216 [VTC41316]	Alarm - alarm sensor 4	2010/07/13 18:15:59
RX3216 [VTC41316]	Alarm - alarm sensor 6	2010/07/14 01:15:59
RX3216 [VTC41316]	Alarm - alarm sensor 10	2010/07/13 17:45:59
RX3216 [VTC41316]	Motion - CAM 2	2010/07/13 17:45:59
RX368 [VTC40568]	Alarm - alarm sensor 0	2014/10/28 13:41:35
RX368 [VTC40568]	Alarm - alarm sensor 1	2014/10/28 13:41:35
RX368 [VTC40568]	HardDiskExist	2014/10/28 13:41:35

At the bottom of the window, there is a checkbox labeled "Show all records" which is currently unchecked, and two buttons labeled "Refresh" and "Close".

You can click **[Refresh]** button to reload the data from database.

When the resume time of the suspensions has been reached, the report will clear them automatically.

To view those cleared report, you can check the **[Show all records]** checkbox to show all the suspended sensors.

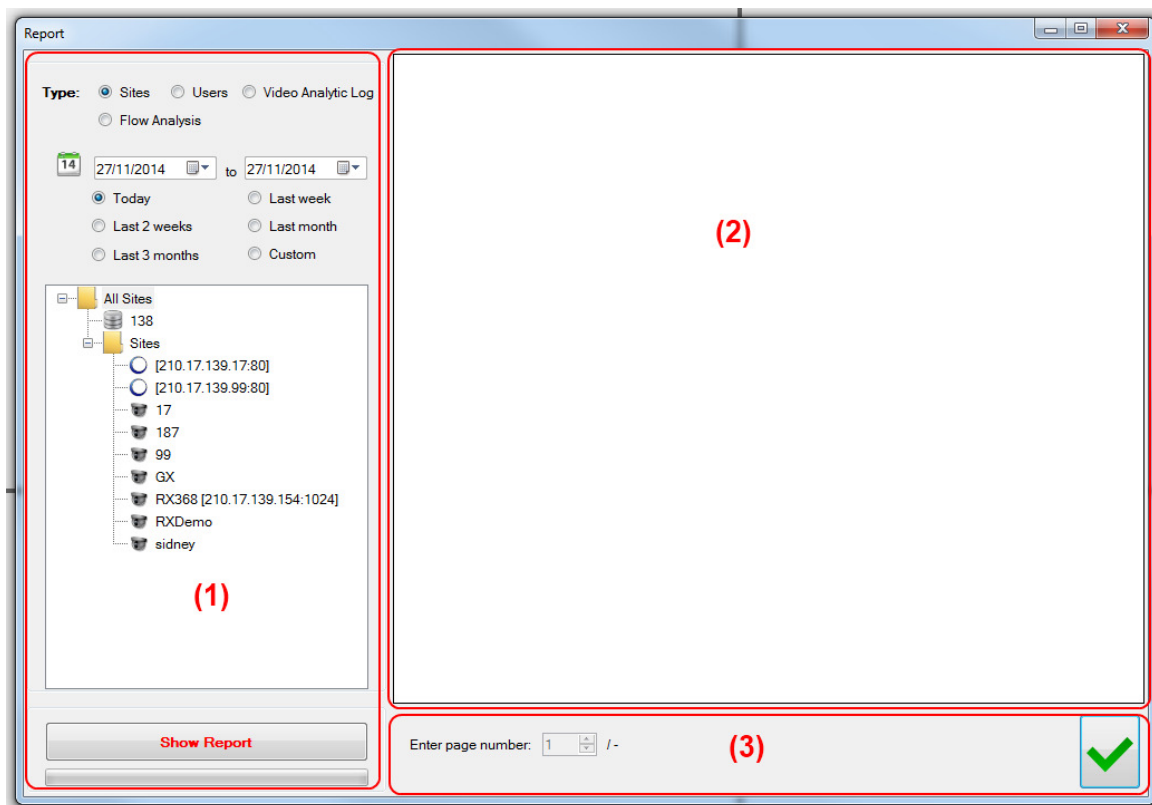
15. System Report

To open the {System report} windows, you should select [Report] -> [Report...] from {Main menu}.

In this section, you will learn the followings:

- Search for site connection log
- Search for user operation log
- Search Flow Analysis result and log
- Backup the log

15.1. Working Environment:



In {System log} window,

Panel	Name	Description
1	<u>Filter panel</u>	It provide constraint to limit the result by day/Type/Sites
2	<u>Result panel</u>	The result will be displayed in this area
3	<u>Navigation panel</u>	You can navigate other pages of result and exit

15.2. Search for site connection log

To search for a site connection log, follows the steps below

Step 1. Select **[Sites]** in Type.

Step 2. Select the start date and end date of the log.

Step 3. You can also select the range.

Step 4. Double click a site or click **[Show Report]** button to show the log

Step 5. Log is displayed on the Result panel.

15.3. Search for user operation log

To search for a user operation log, follows the steps below

Step 1. Select **[Users]** in Type.

Step 2. Select the start date and end date of the log.

Step 3. You can also select the range of time.

Step 4. Double Click the User or click **[Show Report]** button to show the log

Step 5. Log is displayed on the Result panel

15.4. Search for Flow Analysis report

To search people counting result and log, follow the steps below

Step 1. Select **[Flow Analysis]** in Type.

Graph: Display In/Out result in chart format.

Raw data: Display result in raw data format.

- **Graph**

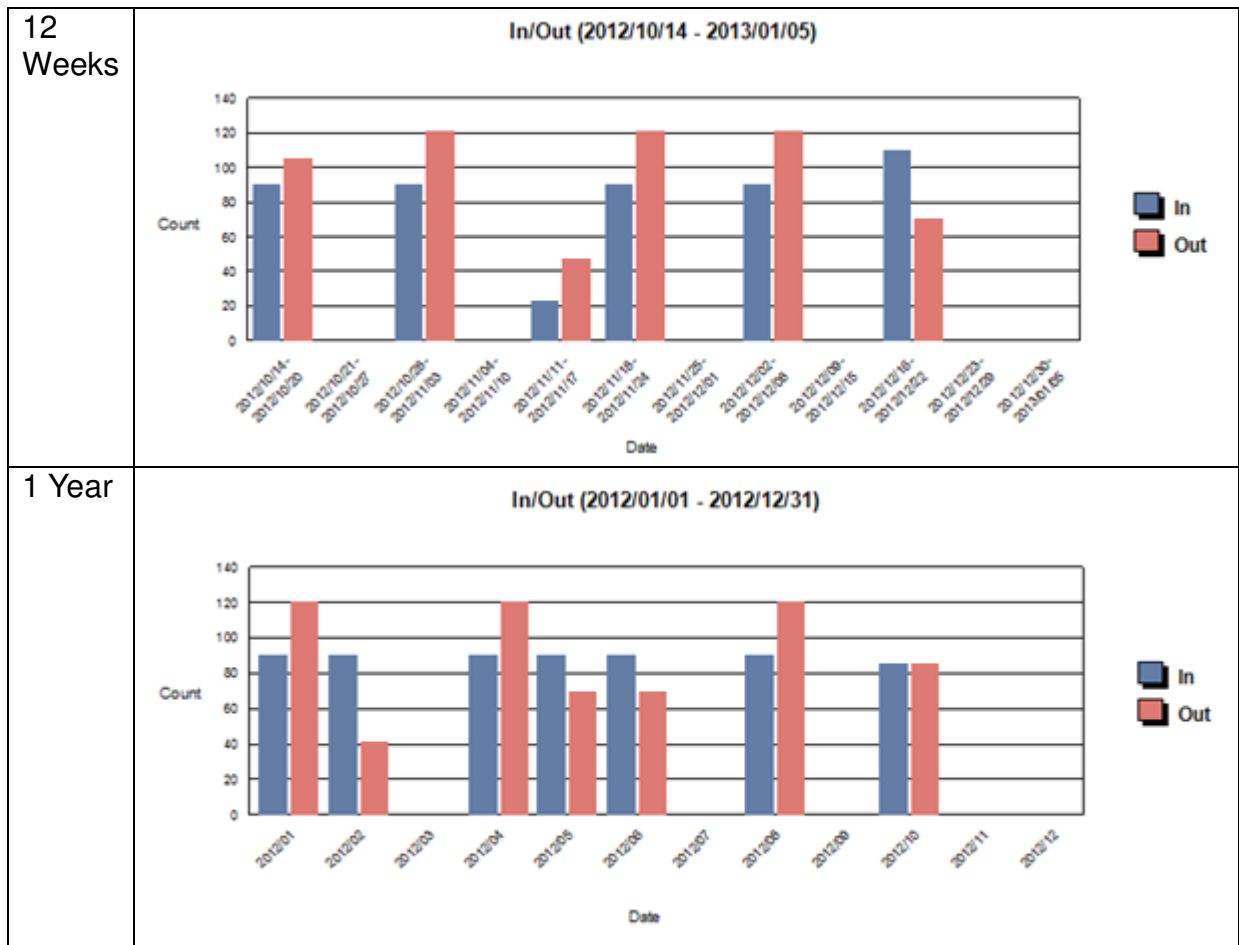
Interval: Report graph interval. E.g. if month is selected, the monthly based summary will be shown.

Range: The report time range for result.

Show: Select In or Out to be displayed in the report.

The result of different report interval and range.

Report range	Displayed chart																																																																																																
1 Day	<p style="text-align: center;">In/Out (2012/10/19 - 2012/10/19)</p> <table border="1"> <caption>In/Out (2012/10/19 - 2012/10/19)</caption> <thead> <tr> <th>Time</th> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <tr><td>00:00</td><td>0</td><td>0</td></tr> <tr><td>01:00</td><td>0</td><td>0</td></tr> <tr><td>02:00</td><td>0</td><td>0</td></tr> <tr><td>03:00</td><td>70</td><td>70</td></tr> <tr><td>04:00</td><td>0</td><td>0</td></tr> <tr><td>05:00</td><td>0</td><td>0</td></tr> <tr><td>06:00</td><td>0</td><td>0</td></tr> <tr><td>07:00</td><td>0</td><td>0</td></tr> <tr><td>08:00</td><td>30</td><td>30</td></tr> <tr><td>09:00</td><td>0</td><td>0</td></tr> <tr><td>10:00</td><td>65</td><td>115</td></tr> <tr><td>11:00</td><td>0</td><td>0</td></tr> <tr><td>12:00</td><td>80</td><td>115</td></tr> <tr><td>13:00</td><td>0</td><td>0</td></tr> <tr><td>14:00</td><td>0</td><td>0</td></tr> <tr><td>15:00</td><td>80</td><td>115</td></tr> <tr><td>16:00</td><td>0</td><td>0</td></tr> <tr><td>17:00</td><td>0</td><td>0</td></tr> <tr><td>18:00</td><td>80</td><td>115</td></tr> <tr><td>19:00</td><td>0</td><td>0</td></tr> <tr><td>20:00</td><td>0</td><td>0</td></tr> <tr><td>21:00</td><td>0</td><td>0</td></tr> <tr><td>22:00</td><td>0</td><td>0</td></tr> <tr><td>23:00</td><td>0</td><td>0</td></tr> </tbody> </table>	Time	In	Out	00:00	0	0	01:00	0	0	02:00	0	0	03:00	70	70	04:00	0	0	05:00	0	0	06:00	0	0	07:00	0	0	08:00	30	30	09:00	0	0	10:00	65	115	11:00	0	0	12:00	80	115	13:00	0	0	14:00	0	0	15:00	80	115	16:00	0	0	17:00	0	0	18:00	80	115	19:00	0	0	20:00	0	0	21:00	0	0	22:00	0	0	23:00	0	0																					
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- **Raw data**



: The report time range for the result.

Interval: The interval between each record.

14

2/ 7/2012

▼

to

17/10/2012

▼

Interval: 1 Min 1 Day

1 Week

15.5. Search Video Analytic log

The video analytic log shows operation log of Flow Analysis, intrusion detection, loitering detection and unattended/missing object detection. To show the log report, follow the below steps.

Step 1. Select [**Video Analytic Log**]

Step 2. Choose time range



: The report time range for the result.

Sort: Report sorting order.

Step 3. Select group, site or camera and click **[Show report]**.

Step 4. Log is displayed on the *Result panel*

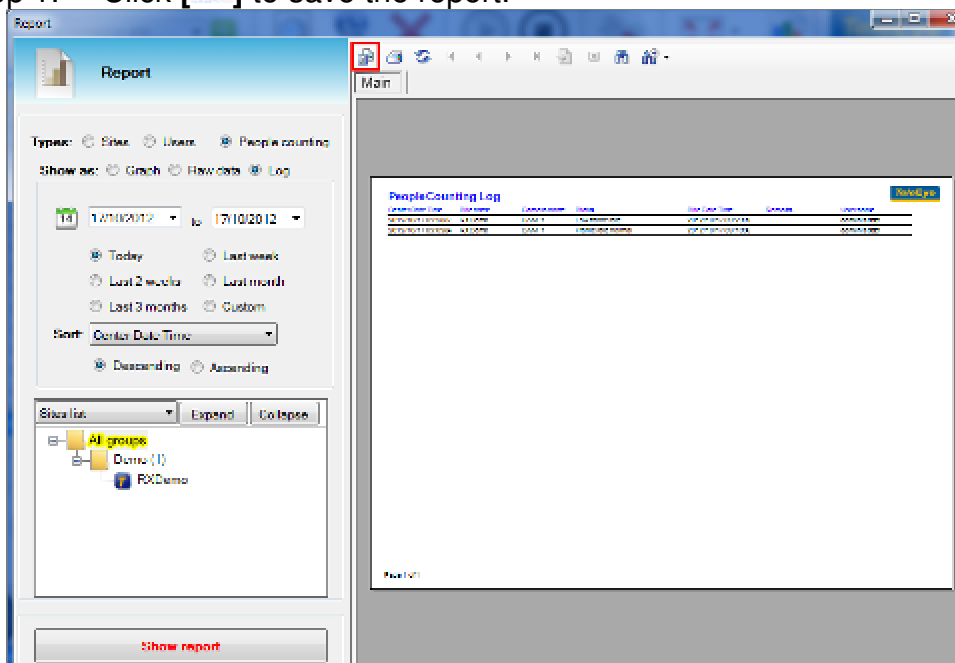
15.6. Backup the log

For Site and user log:

- Step 1. To back up the log, you first need to show the report *Result panel*.
- Step 2. After recall the log, there will be a **[Export]** button in the *Navigation panel*.
- Step 3. Click **[Export]** to save the log, a **{Export log Form}** appear.
- Step 4. Select the storage path and the page to export then click **[Start]**. A notice with exported file path will be shown when success.

For Flow Analysis report and log:

- Step 1. Click  to save the report.



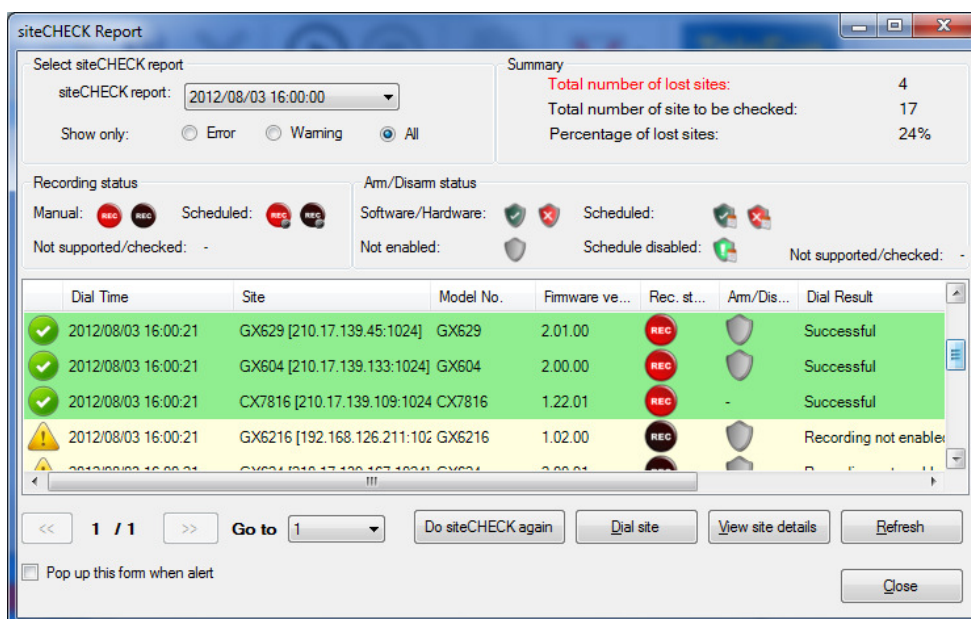
- Step 2. Input filename and select file type, and then click **[Save]** button to save the report.

16. siteCHECK Report

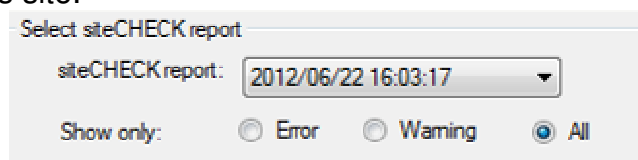
16.1. siteCHECK Report

If siteCHECK function is enabled, sureSIGHT will try to connect to the remote servers included in the checklist according to the schedule time and the result can be viewed through siteCHECK report.

Step 1. To get the siteCHECK report, click  button in **{Global event indicator}** or go to **[Report]** -> **[siteCHECK Report]**.



Step 2. The most updated record is shown on the **{siteCHECK Report}** form. You may refer to other records by selecting a time from the siteCHECK report combo box. The selections in this combo box are schedule times defined by operators. You may choose to see the sites fail to make connection with sureSIGHT instead of a full siteCHECK result report. The row in red means sureSIGHT could not make a connection with this site. The row in yellow means there are siteCHECK warnings in this site.



If "All Site" option is selected, you will observe some statistics data from "Summary" group box.

Summary	
Total number of lost sites:	0
Total number of site to be checked:	2
Percentage of lost sites:	0%

Step 3. You may try to connect to the selected site by clicking **[Dial site]** button or see the detail information about this site by clicking **[View site details]** button.

Step 4. When there are any siteCHECK warnings or error, operators will observe



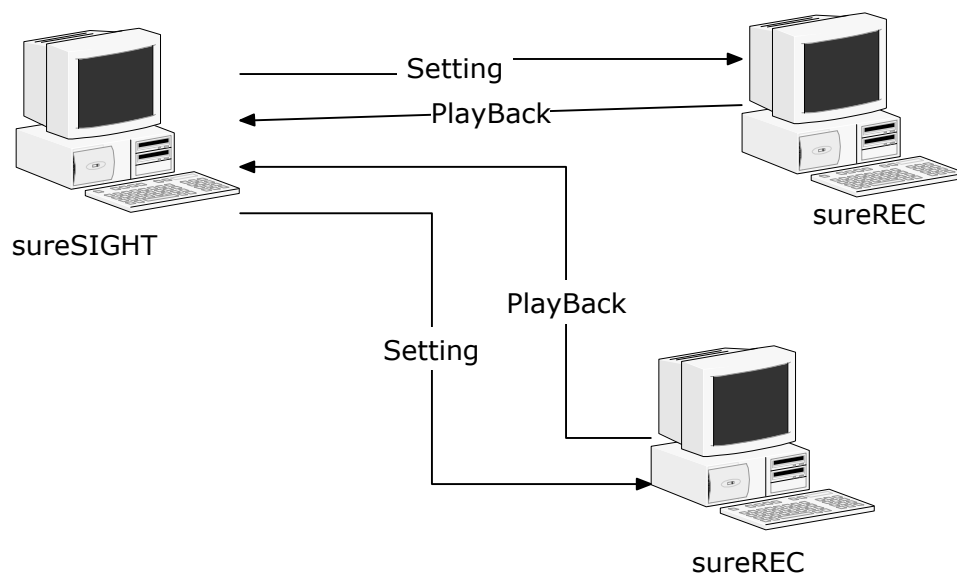
flashing in **{Global event indicator}** panel. You may click **[Clear Alert]** button to clear this alert.



*Please refer to **section 4.4.5** for modification of siteCHECK schedule time and checklist.*

17. sureREC

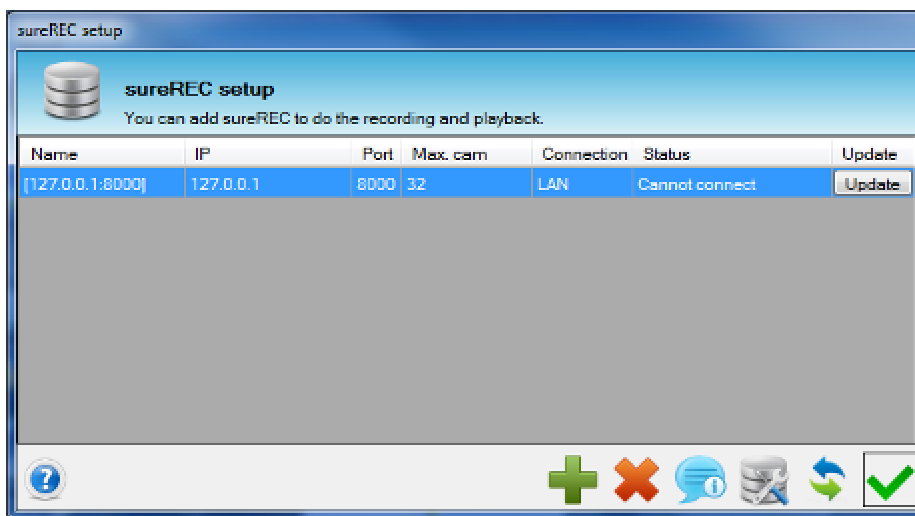
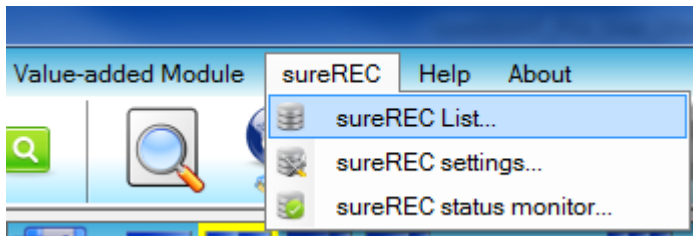
sureREC V3 is an recording system running in a personal computer. It works with *TeleEye* NX series, MX series and ONVIF network cameras. Besides, sureREC can also wok as a video server. When cameras are added to sureREC, the video of these cameras can be streamed to sureSIGHT or other software. So the sureSIGHT can view live video through sureREC without connecting to these cameras.



sureSIGHT can connect to multiple sureREC to manage the setting, view live stream and playback of recording.

17.1. sureREC management


To open the sureREC setup windows, you should select **[sureREC] -> [sureREC List...]** from **{Main menu}**.




In **{sureREC setup}**, you will be able to make change in

- Add a sureREC
- Edit a sureREC
- Delete a sureREC
- Edit sureREC settings
- Update sureREC status

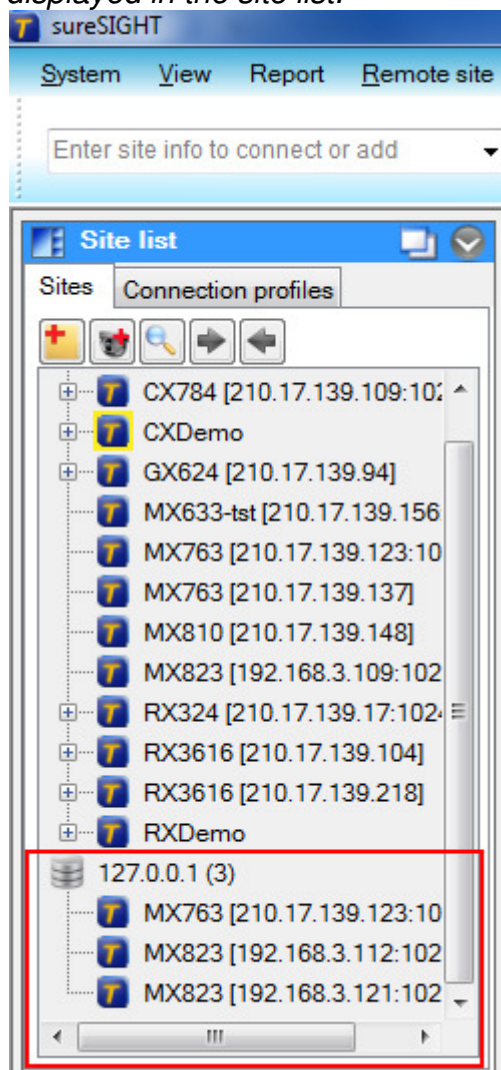
17.1.1. Add a sureREC

Step 1. To add a sureREC into sureREC list, click  .

Step 2. Input required information. Then click  to add sureREC.


Step 3. The sureREC is added into the list.

*** If sureRECs support live streaming, the cameras in these sureRECs will be displayed in the site list.*




You can view the video of sureREC cameras.

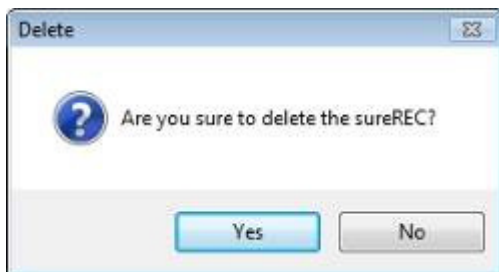
17.1.2. Edit a sureREC

Step 1. Select a sureREC from sureREC list and click . Or, you can double click the sureREC to enter the edit page.

Step 2. Click [] to apply the change of settings.


17.1.3. Delete a sureREC

Step 1. To delete a sureREC, select a sureREC from sureREC list, and click .



Step 2. Click [**Yes**] to confirm to delete the selected sureREC.

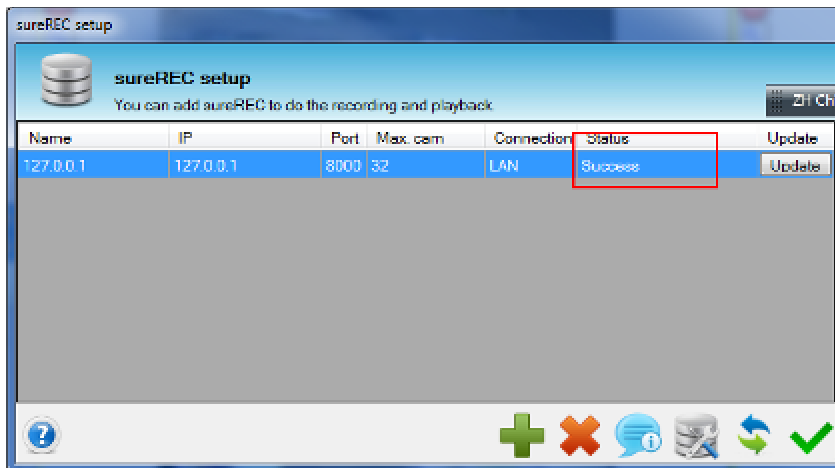
17.1.4. Edit sureREC settings

To see the current configurations of the sureREC, you can click  to enter the sureREC setting page.

17.1.5. Update sureREC status

When cameras are added, edited, or deleted in sureREC, sureSIGHT need to connect to sureREC to refresh the camera list.

Step 1. Click  in sureREC list to update the camera list of the selected sureREC. You can also click  to update all sureRECs.



Step 2. Check the status for each sureREC. The following is the meaning of status message.

- Updating: Getting information from sureREC.
- Wait: You can start update sureREC.
- Cannot connect: Cannot connect to sureREC, you can check the IP and port.
- Wrong security mode: The security mode is wrong, you can change to basic or advanced security mode.
- Wrong username or password: The username or password is wrong.
- Unknown error: Unknown error.

Step 3. The sureREC cameras are updated in site list.

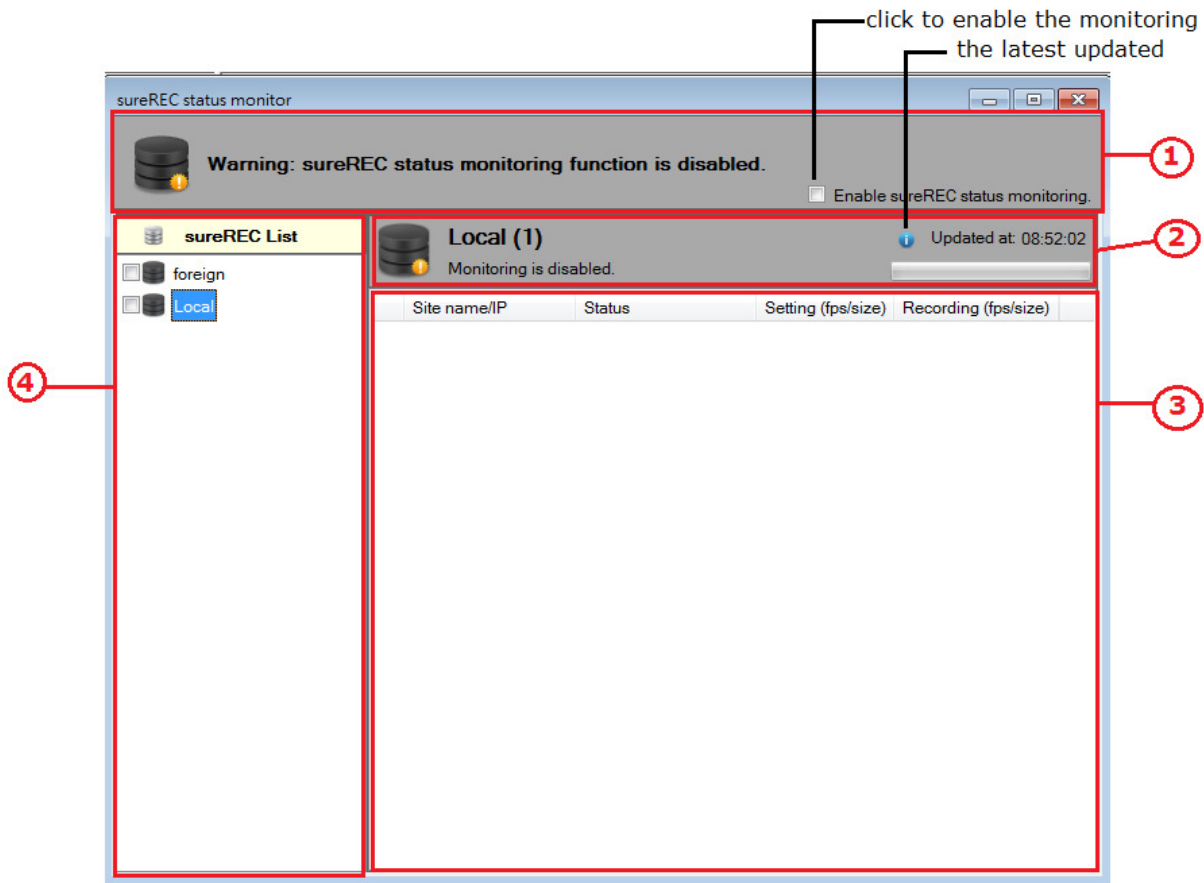
17.2. sureREC status monitor

To open the sureREC status monitor window, you should select **[sureREC]** -> **[sureREC status monitor...]** from **{Main menu}**.

You can also the sureREC status monitor in **[Event panel]**. By clicking the button.



View of sureREC status monitor:



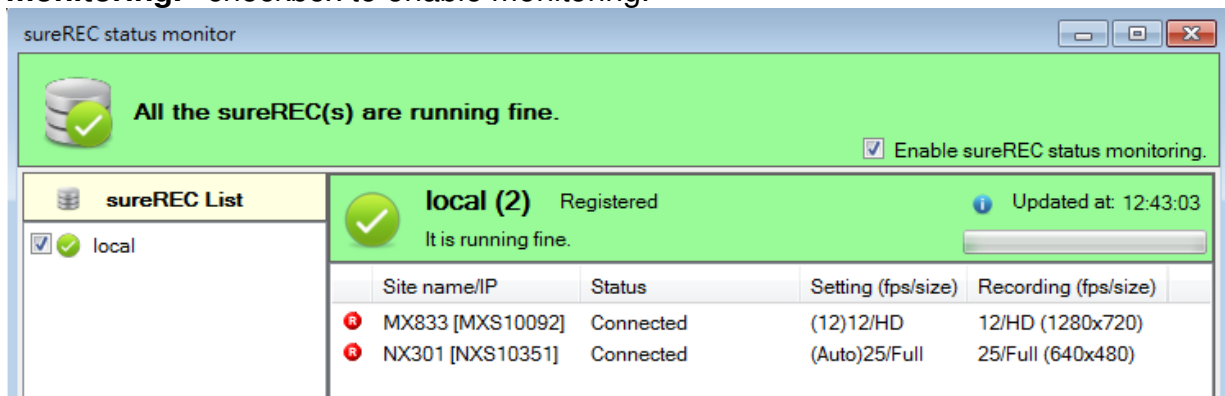
In **{sureREC status monitor}** window,

Panel	Name	Description
1	<u>Status summary panel</u>	It shows the status summary from sureREC list.
2	<u>Status panel</u>	It shows the status of the selected sureREC.
3	<u>Camera panel</u>	When you select a sureREC site on the left, it shows all the cameras added to the selected sureREC. The corresponding settings and status of the cameras is shown here.
4	<u>sureREC list panel</u>	It shows all the sureREC sites that you have added to the sureREC list.

After adding some cameras to the sureREC, the sureREC status monitor shows the

current status and settings of all the cameras of a sureREC.

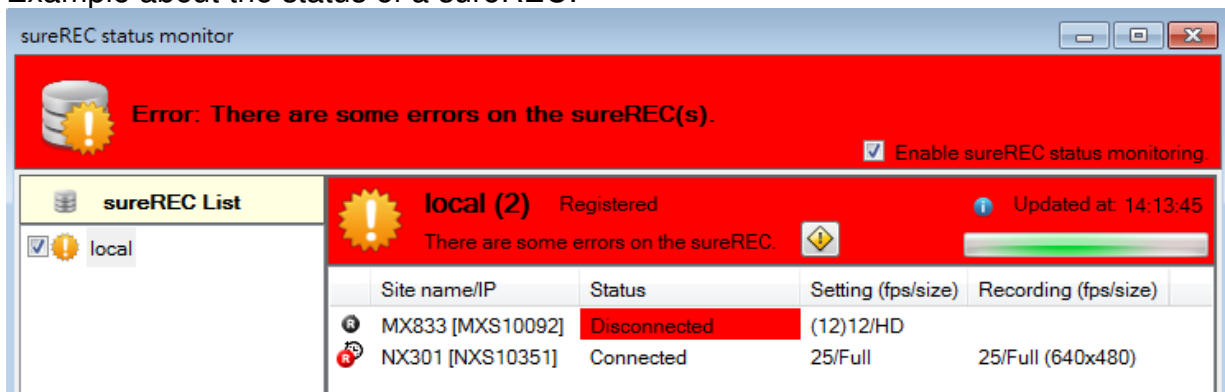
*** To view the settings, you are needed first click the “**Enable sureREC status monitoring.**” checkbox to enable monitoring.







17.2.1. Status of cameras

In the sureREC status monitor, it shows the current status and settings of all the cameras with the associated sureREC.

Example about the status of a sureREC:



In the first column of the monitor, it shows the recording status of the cameras.

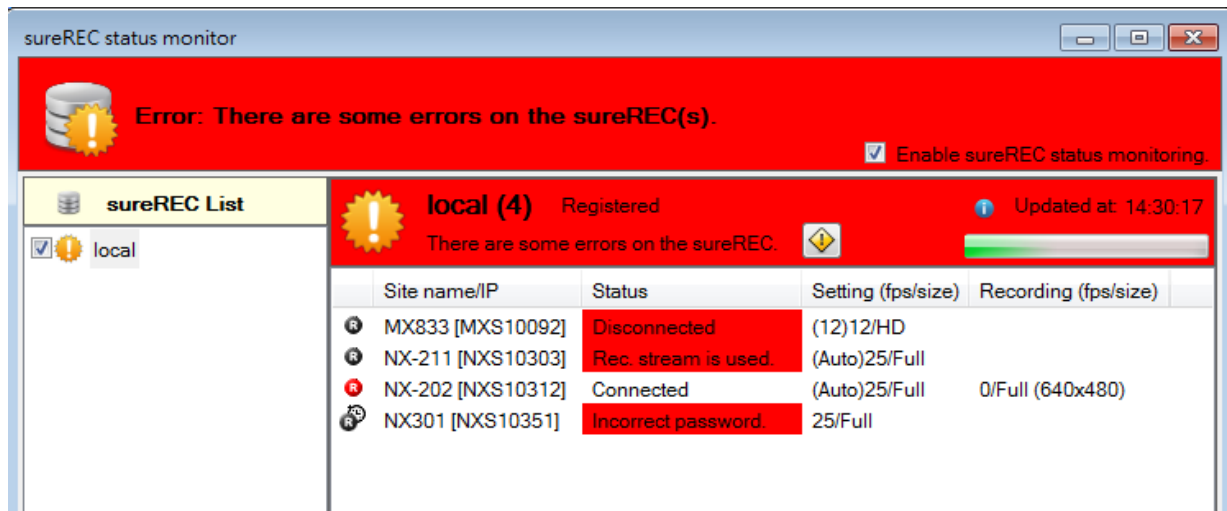
-  : The camera is not recorded by the sureREC.
-  : The camera is currently recorded by the sureREC.
-  : The camera has a schedule recoding, but it is not currently recorded by the sureREC.
-  : The camera has a schedule recoding and it is currently recorded by the sureREC.

The second column **[Site name/IP]** shows the site name or the IP of the cameras added.

The third column **[Status]** shows the status of the cameras.

Examples of some camera status:

sureSIGHT Lite/Business



Connected: The camera is connected to the sureREC.

Disconnected: The sureREC cannot connect to the camera.

Rec. stream is used. : The camera is recorded by other sureREC, so it cannot perform recoding.

Incorrect user name or password: The password or user name is incorrect and sureREC cannot record the video of the camera.

Wrong access mode: Incorrect access mode has been selected.

Invalid reg. Check: The registration code of the connected camera is invalid. sureREC cannot record the video of the camera.

Serial no. not match: The serial number of the connect site does not match the serial number record in the database of sureREC V3. sureREC cannot record the video of the camera.

The fourth column [**Setting (fps/size)**] shows the settings of the frame rate and size setting

The fifth column [**Recording (fps/size)**] shows the actually recording frame rate and the frame size recorded. (It shows only when the camera is currently recorded by the sureREC).

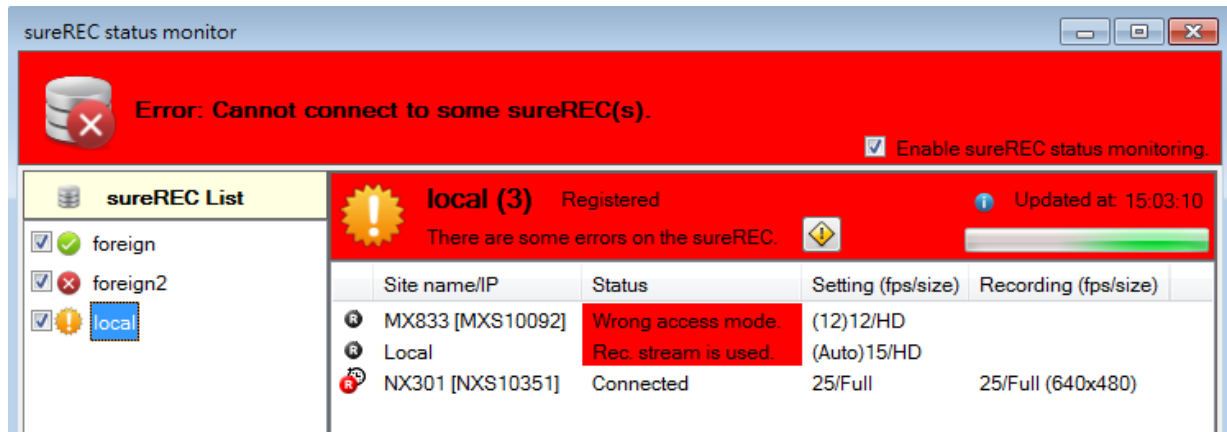
If any of the fields have any errors, the fields will be highlighted in red.

17.2.2. Status of sureREC sites

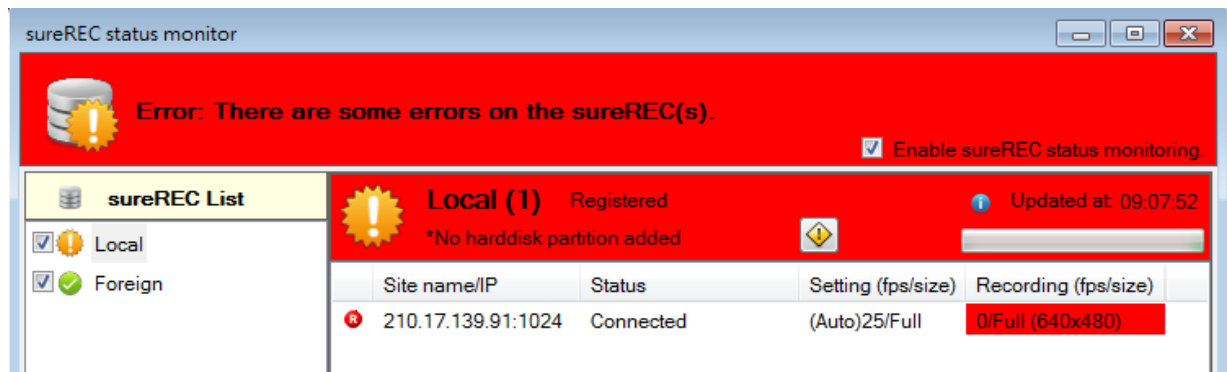
sureREC status monitor gets the status of all sureRECs added to the sureREC list from time to time.

The status of the sureRECs is shown on the left side of the sureREC status monitor.

If a camera has some errors, the associated sureREC site will show some warning on the sureREC status monitors.



The sureREC site itself can cause errors. For example, if the sureREC site does not have any hard disk partition added, a warning description will be shown:



There are three status of sureREC:

✔ : It means the sureREC site is running fine, all the cameras of that sureREC has no error.

⚠ : It means the sureREC site is running, but there are some errors with the cameras.

✖ : It means the sureREC cannot be connected. No information can be shown.

The status sign is based on the status of the corresponding sureREC site.

17.2.3. Global status of sureRECs

The global status will be shown on the top left corner of the {sureREC status

monitor} form.



There are three warning signs to indicate the status:



: It means some all the sureREC sites are running fine.



: It means some of the sureREC sites have errors.



: It means some of the sureREC sites cannot be connected.

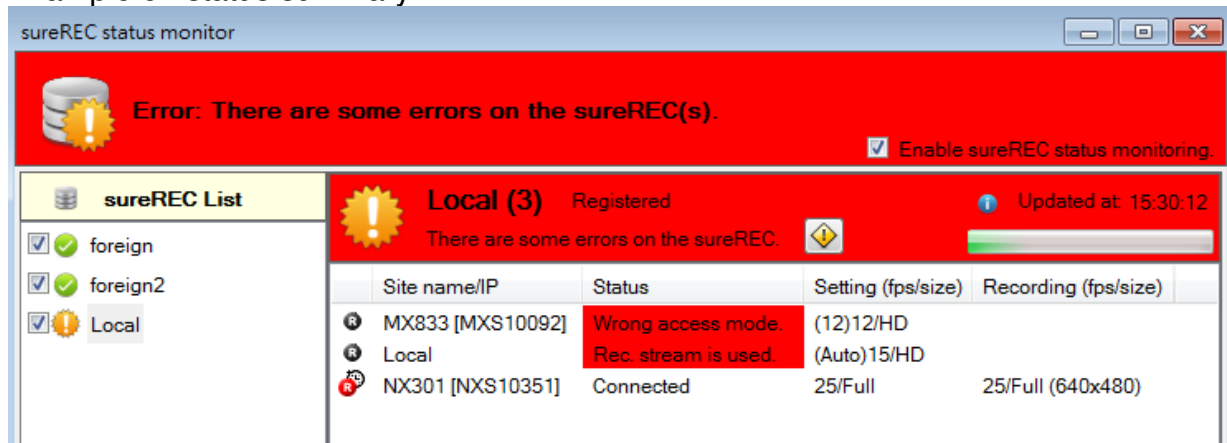


The warning signs have the priority with:  >  > .


For example: In the figure below, the summary status shows , because it has

a higher priority than .



Example on status summary:





17.2.4. Try to solve the errors

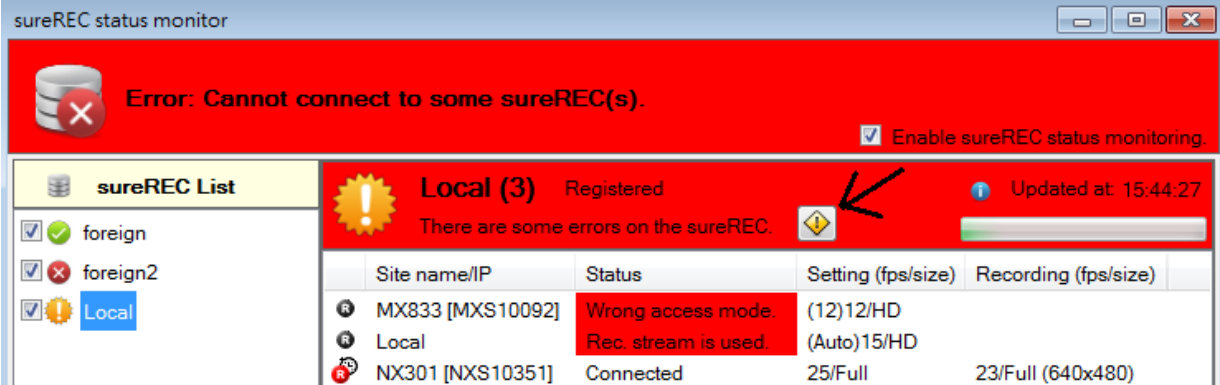
When there are errors in a sureREC site, a  will be shown on the status of that site.

You can click the button to try to solve the errors.

For , which means there are errors with the cameras, the  will link user to the **sureREC setting page** to edit the cameras.

For , which means the sureREC site was disconnected, the  will link user to the **sureREC List page** to edit the connection settings.

Location of the  button:



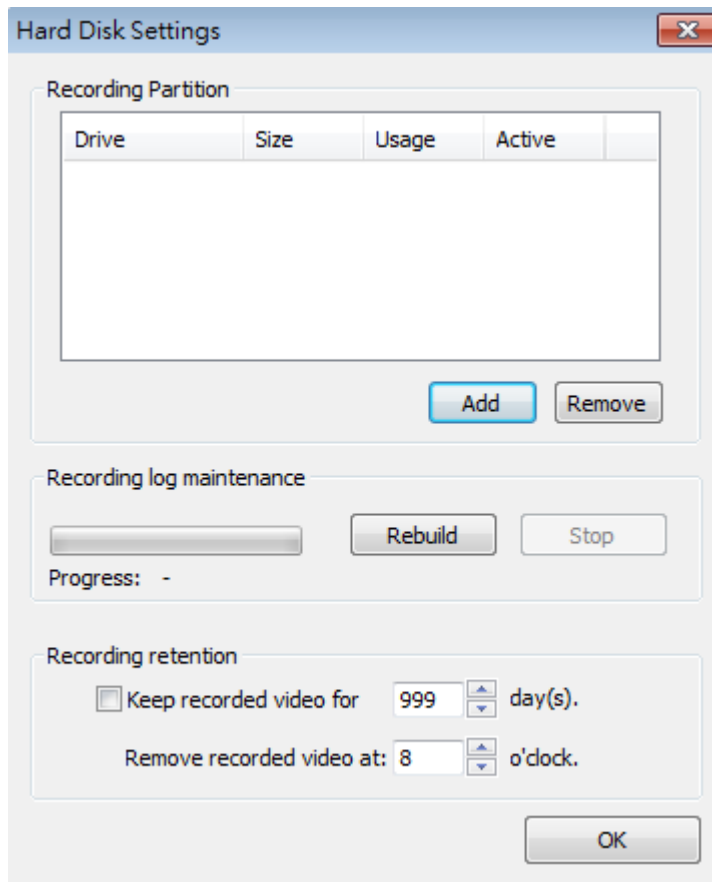
The screenshot shows the 'sureREC status monitor' window. At the top, a red banner displays the message: 'Error: Cannot connect to some sureREC(s)'. Below this, a 'sureREC List' sidebar on the left shows three entries: 'foreign' (checked, green), 'foreign2' (checked, red), and 'Local' (checked, yellow with a warning icon). The main area shows 'Local (3) Registered' with a warning icon and a message: 'There are some errors on the sureREC.' A black arrow points to a warning icon in this message. Below the message is a table with columns: 'Site name/IP', 'Status', 'Setting (fps/size)', and 'Recording (fps/size)'. The table contains three rows: 'MX833 [MXS10092]' with status 'Wrong access mode.', 'Local' with status 'Rec. stream is used.', and 'NX301 [NXS10351]' with status 'Connected'.

Site name/IP	Status	Setting (fps/size)	Recording (fps/size)
MX833 [MXS10092]	Wrong access mode.	(12)12/HD	
Local	Rec. stream is used.	(Auto)15/HD	
NX301 [NXS10351]	Connected	25/Full	23/Full (640x480)

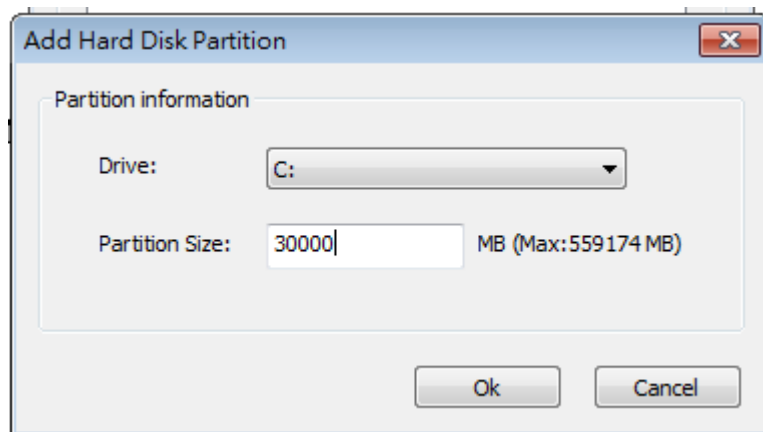
For the **hard disk partition error**, you should go to the sureREC site PC to add a hard disk partition for recording.

Step 1: Open the {**sureREC**} main panel.

Step 2: In the {**Hard Disk Setting**} window, click [**Add**] button to add partition.




Step 3: In the **{Add Hard Disk Partition}** window, select the hard disk for recording and the size of the partition.

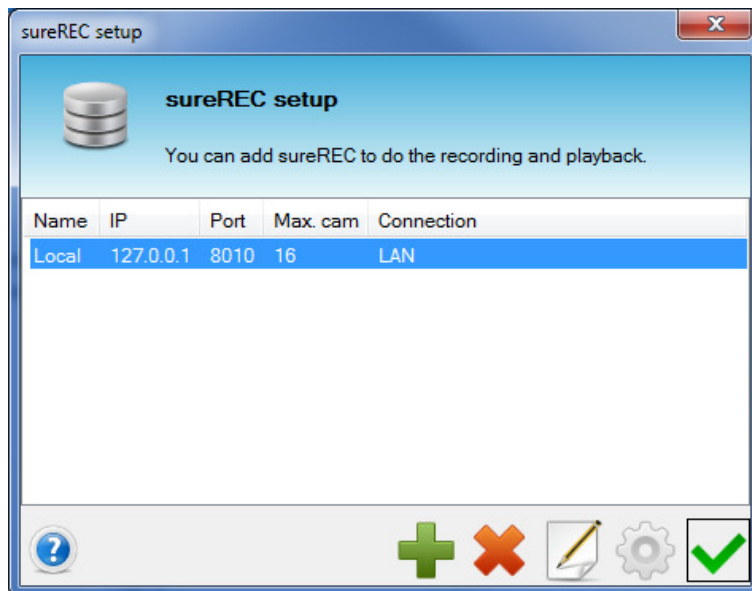



Step 4: Click **[Ok]** to save the settings, and click **[Ok]**. In the **{Hard Disk Setting}** window to finish.

17.3. PlayBack from sureREC

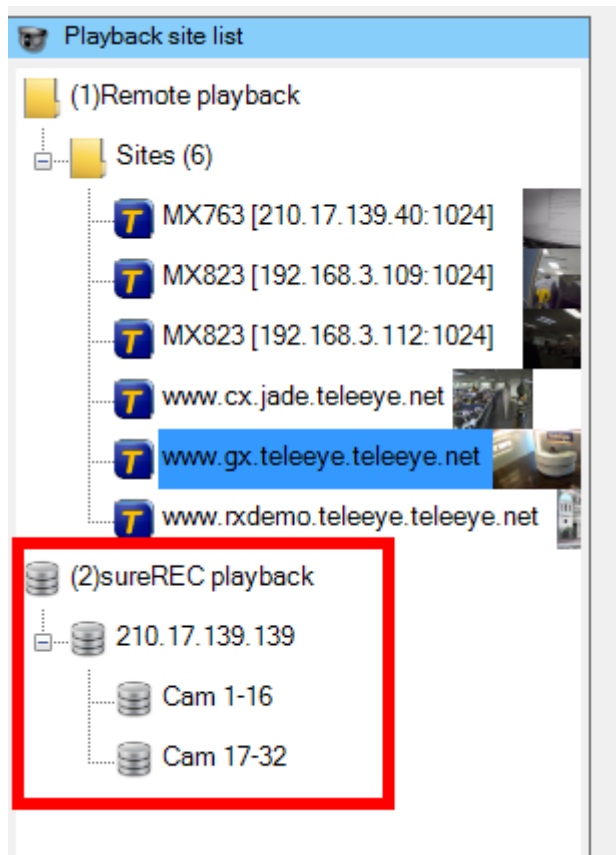
Step 1. You first needed to add a sureREC site. Go to sureSIGHT, select [sureREC] -> [sureREC List...] from {Main menu}.

Step 2. After adding a sureREC site, click  to finish.



Step 3. In {Main page} of sureSIGHT, click . In the playback list, the sureREC we added already will appear. You can double click it to run the playback. Also, all the NX/MX sites that we added will be shown on the playback list.

Step 4. The recording slot appear in the **{main frame}**




Step 5. Select the recording timeslot and then click  button

Step 6. The playback will be started.

Step 7. ***You can use the scrollbar at the bottom to adjust the navigation of playback.



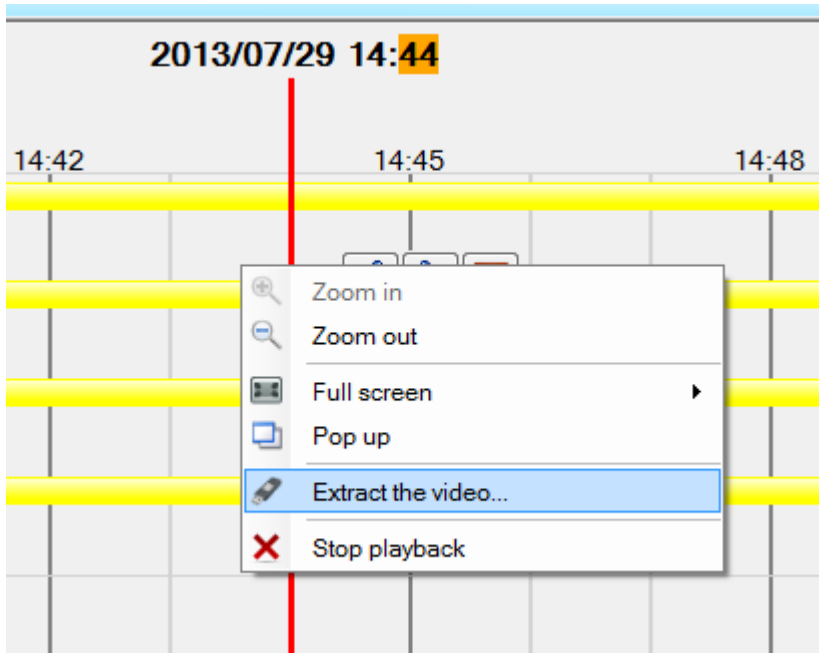
Step 8. You can click the  button in the **{Playback control}** frame to stop the playback.

17.4. Backup Video from sureREC

To extract and backup the video from sureREC, in the **[Playback]** panel


Step 1. Choose the sureREC

Step 2. In the timeslot, right click and select **[Extract the video...]**



Step 3. The **[Remote footage extraction]** windows appear


Extract To: Specify a folder to store the data. Click **[Browse...]** to choose a path.

Extract to: C:\Users\sureREC-Admin\Desktop 
(Free space:224006MB)

Mode: Select mode for footage extraction.

Mode: Selected cameras Quick

Start Date/Time: Select the start date/time.

Start date:  Today: 12/4/2013

End datetime:

Period length: minute(s)

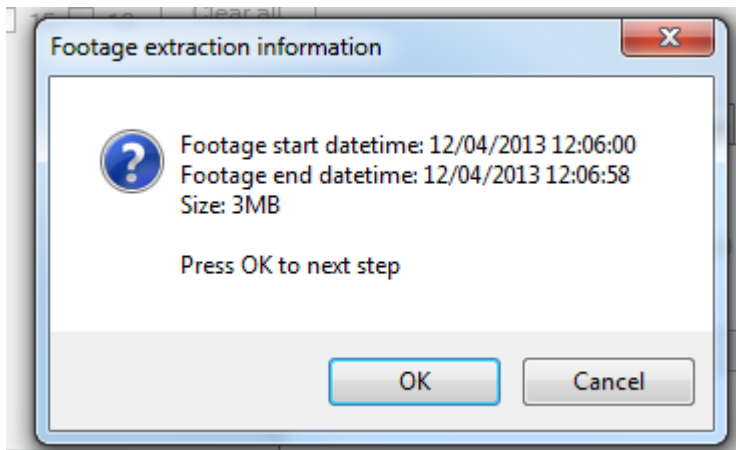
Estimated end datetime:

Start time: :

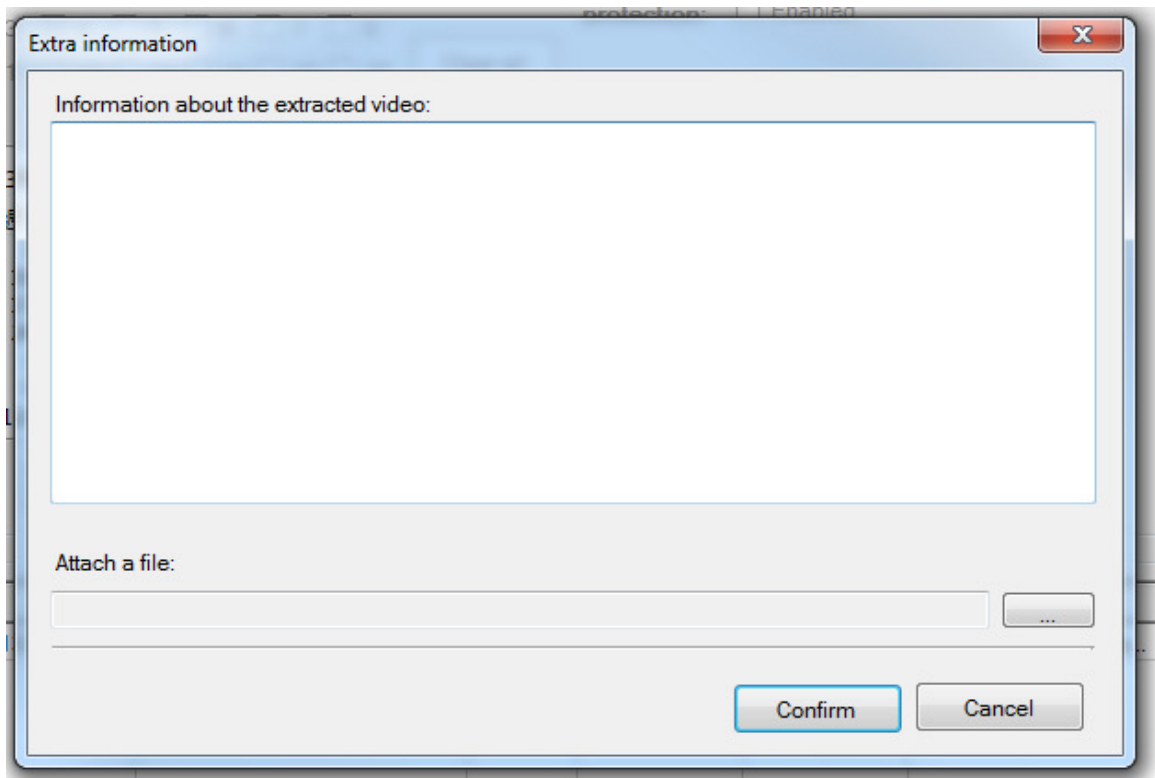
Step 4. Click [**Recording Start Time**] to select start time of the recording log.
Click [**Current Hour**] to select current hour of the server.

End Date/Time: Specified by period length or memory size of the video data to be extracted.

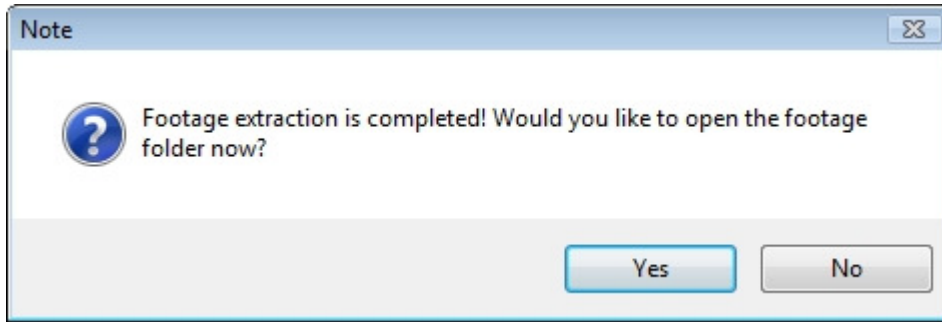
Step 5. Click **[Start extraction]** to start the video backup process. A confirmation message will be popped up.



Step 6. If the information is correct, click **"OK"** to start the extraction.



Step 7. Click **[Confirm]** to add description of the video backup using a text file. Click **[Cancel]** to cancel extraction.



Video backup completed.
Clicking **[Yes]** can go to the backup directory.

17.5. sureREC settings page

To open the {**sureREC settings**} window, you should select [**sureREC**] -> [**sureREC settings...**] from {**Main menu**}.

When a camera is recorded by a sureREC site, the screen of it will have a red “**REC**” button



You can click on this button to open the {**sureREC settings**} window.

In the {**sureREC settings**} window, it allows you to perform the following functions:
They will be discussed in the following chapters.

- *To edit the recording settings of cameras.
- *To create schedule template for schedule recording.
- *To view the resource being used in a particular sureREC sites.

17.5.1. sureREC schedule template setting

sureREC schedule setting can be save as a template and apply to cameras through schedule template function.

Click [**new**] button to add a new sureREC recording schedule template.

Add a sureREC schedule recording template

Add a sureREC schedule recording template

Please fill in the information about this template

Template name: Template2

Template type: For NX unit For MX unit

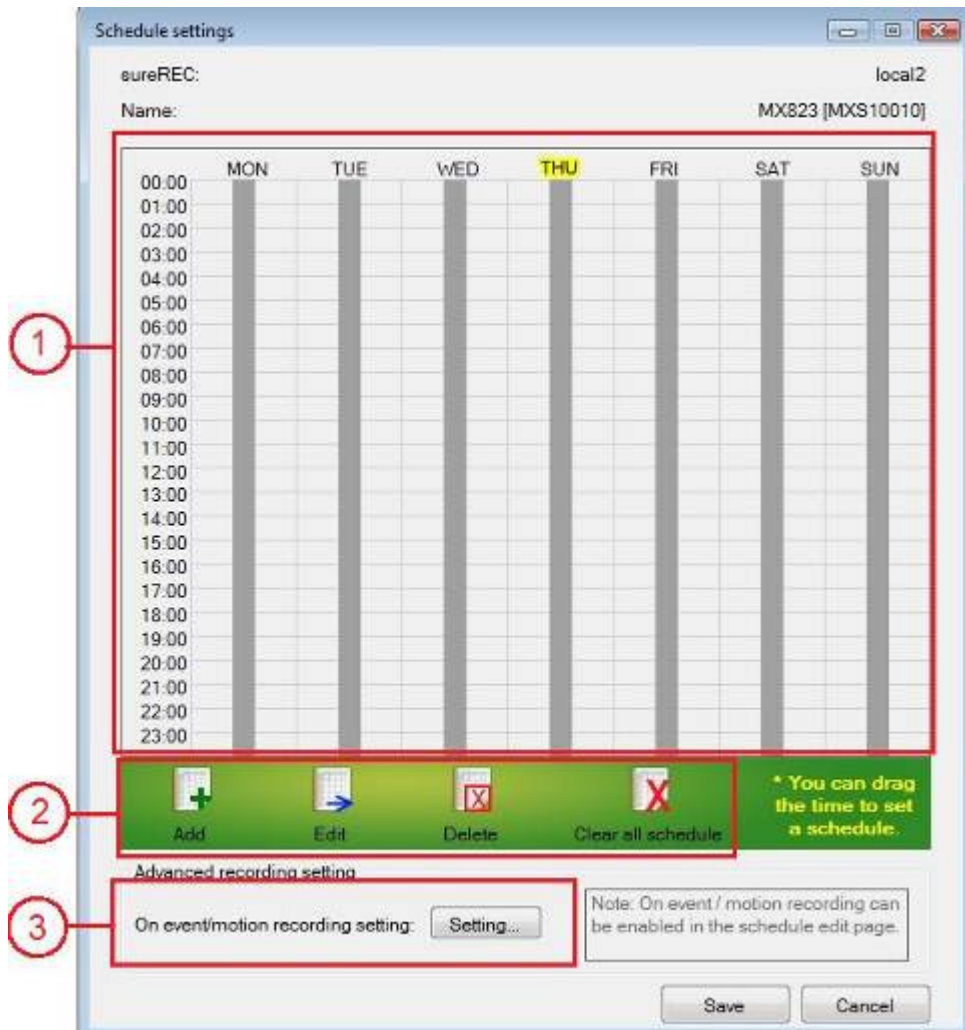
Template description:

<< Back Next >> Save Show to user Cancel

For the new recording schedule template, you can define its name and template type. User can also add a description for this template.

Click [Next>>] to next step.

New schedule template



In {sureREC schedule recording template settings} window,

Panel	Name	Description
1	<u>Schedule template panel</u>	It shows the week schedule GUI of schedule recording template.
2	<u>Schedule template function panel</u>	It shows the alter function of schedule recording template.
3	<u>Advance setting panel</u>	It shows the setting when event triggering or motion event triggering.

Add schedule to recording schedule template



Click [add] or drag a time period from the bar of {schedule template panel} to enter {add a sureREC schedule recording template record} page.



Start time and end time: The time period of the schedule record.

Weekday: The day(s) will run the schedules.

Recording type:

Normal – recording during the recording period.

On Event Only – recording when there are any events triggering during the recording period. The recording will be stop after the “recording extension time”

On Mix – You can set different frame rate for “Normal” recording and “On event” recording. For example, you may set “1 fps” for “Normal” recording to reduce the normal recording size, and set “25 fps” for “On event” recording to recording more evidence.

The color of schedule record is according to the recording type.

Red color is for “Normal” recording.

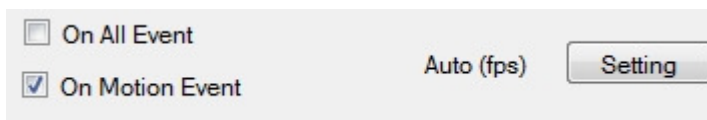
Green color is for “On event only” recording.

Blue color is for the “Mix” recording.

Recording frame size: The resolution of recording frame.

Recording frame rate: The frame rate of recording.

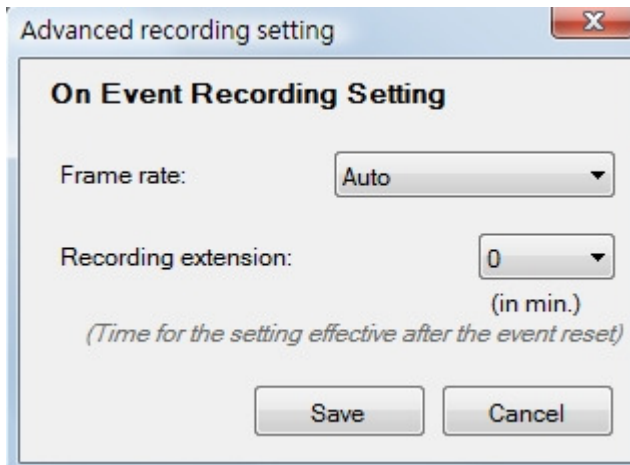
If user choose [**On event only**] or [**Mix**] recording type. The “On event” recording setting is enabled.



On all events: Check [**On All Event**] to apply “On event” recording settings when any events is triggering.

On motion event: Check [**On Motion Event**] to apply “On event” recording setting

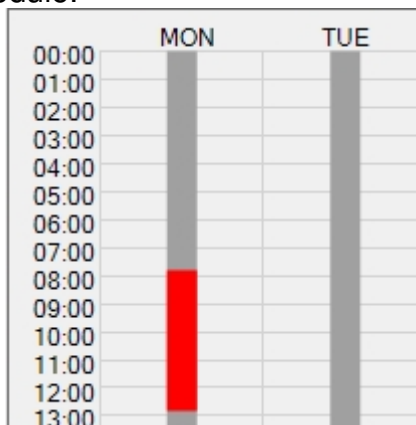
when motion event is triggering only.
Click **[setting]** to set up the “On event” recording setting.



Frame rate: the recording frame rate will be applied when “On event” recording setting applied.

Recording extension: the duration of “On event” recording after the event reset.

You fill all the suitable information and click **[OK]** to add the new schedule recording schedule.



When adding the schedule recording successfully, a color bar will be shown on the scheduler to represent the schedule record.

Edit schedule template record

Select a {Schedule template record} or double click it to edit the record. The {Edit a sureREC schedule recording template record} will be shown. You can update any information of the recording.

In the Figure 16-1, the schedule is set to run on Monday only. If changing the recording day of the schedule to both Monday and Tuesday, the scheduler will show two bars to represent the schedule record.

Weekdays:

All days
 Sun
 Mon
 Tue
 Wed
 Thu
 Fri
 Sat

Figure 17-1 update weekday of schedule recording record

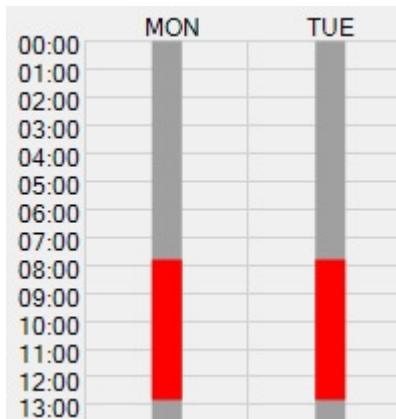


Figure 17-2 result of update

Delete schedule template record

Select a schedule template record and click **[delete]** button. The selected schedule recording will be removed.

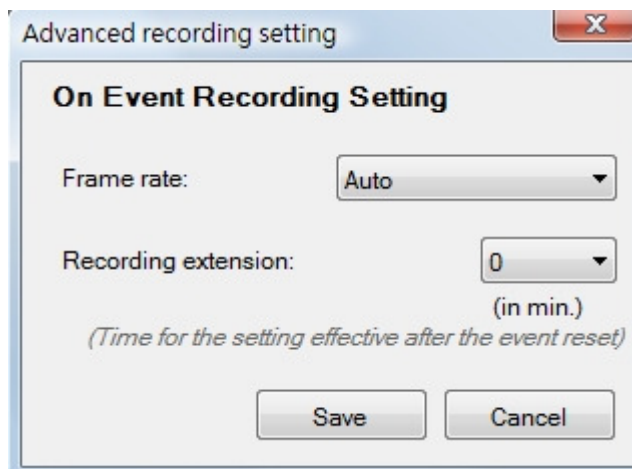
Advanced recording setting

You can set recording frame rate and extension time at {Advanced recoding setting} page. The setting will be applied when there was event(s) triggering



Figure 17-3 advance recording settings

Click [**Setting...**] to enter the setting page.



You can set the recording frame rate and the duration of recording when an event trigger. Click [**Save**] to finish the setting.

17.5.2. To add a manual recording

To add a recording, you can drag the cameras from the **[unassigned camera panel]** to any sureREC sites that you want to the **[sureREC List panel]**.

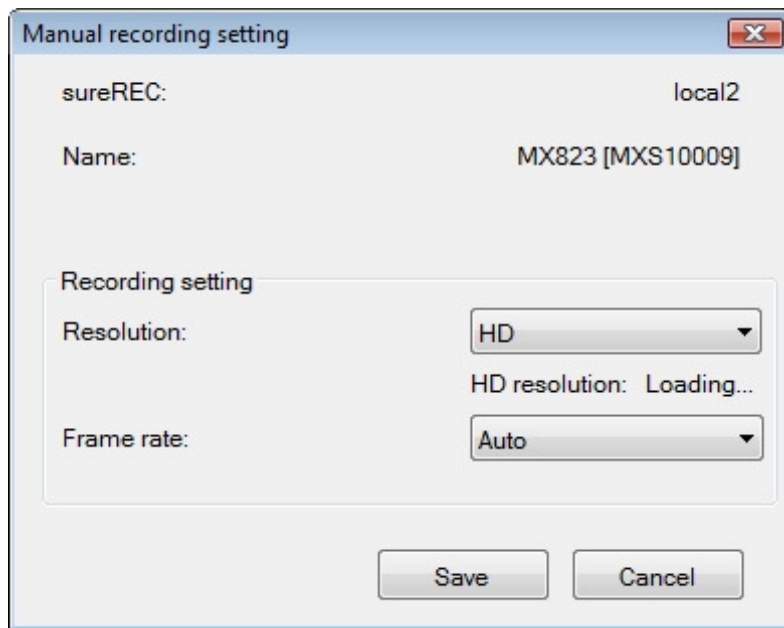
Step 1. Choose a sureREC. In this example, “local2” is selected.

Then the camera will appear in the **[Manual recording panel]** with default recording settings.

For MX camera, the default setting is: **Auto** frame rate with **HD** frame size.

For NX camera, the default setting is : **Auto** frame rate with **Full** frame size.

Step 2. To edit the recording settings, you can double click the camera column.



You can edit the frame size and frame rate manually. The corresponding required resources will be shown on this window too.

Step 3. After complete the configuration, click the **[Save]** button.

Step 4. Click the **[Apply]** button on the right bottom of the **{sureREC settings}** window.

A message "**Settings saved**" will be shown to indicate successful configuration.

17.5.3. To add a schedule recording

Step 1. To add a recording schedule, you can drag the existed schedule templates from the **[Schedule Template panel]** to the column of the camera.

The **[Schedule]** field will show the name of the schedule template.



You can also assign a custom schedule for the camera by double-clicking the entry of **{schedule recording panel}**. Please refer to section 17.5.1 for the details on how to manage schedule template.

Upon configuration of the schedule, the name shown in the **[Schedule]** field becomes **“Custom”**.

After editing the schedule, the corresponding resources used will be updated automatically.

Step 3: Click the **[Apply]** button on the right bottom of the **{sureREC settings}** window.

A message **“Settings saved”** will be shown to indicate successful configuration.

Note:

*You can manage the schedule template in the **[Schedule Template Panel]**, by using the **[New]**, **[Edit]** and **[Del]** buttons.

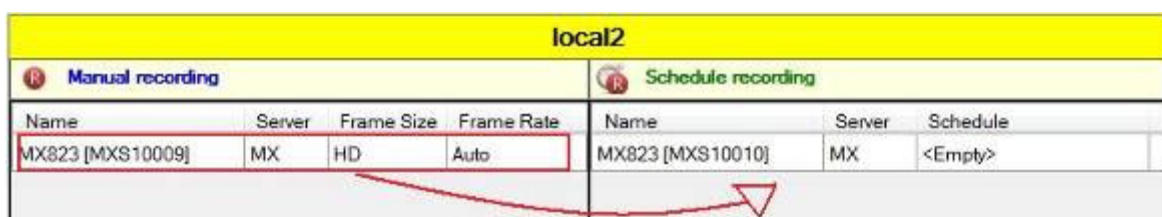
The detailed operation on schedule template has been discussed at the **[sureREC recording configuration wizard]** chapter.

*For a schedule recording, a schedule must be attached with it in order to have successful configuration.

17.5.4. To manipulate camera recordings

{sureREC settings} window allows you to perform camera functions in a convenient way.

For example, you can set a camera to be recorded by another sureREC site simply by dragging the camera in the **[sureREC List panel]**.



Then click the **[Apply]** button to save the changes.

Similarly, if you want to change the recording type of a camera, you can drag the camera to the **[Schedule Recording panel]** of the desired **[sureREC site panel]**.



Manual recording				Schedule recording		
Name	Server	Frame Size	Frame Rate	Name	Server	Schedule
				MX823 [MXS10009]	MX	<Empty>
				MX823 [MXS10010]	MX	<Empty>

You can perform as many camera functions as they want. Then click the **[Apply]** button to save all the changes.

If a camera is not added to your site list, it will be appeared in the recording panels with a “*” in front of its name.

You can also perform camera functions to this kind of cameras.

For Manual recording:

MX camera will have **Auto** frame rate with **HD** frame size.

NX camera will have **Auto** frame rate with **Full** frame size.

For Schedule recording:

All the cameras will have empty schedule.

18. Backup

In this section, you will learn the followings:

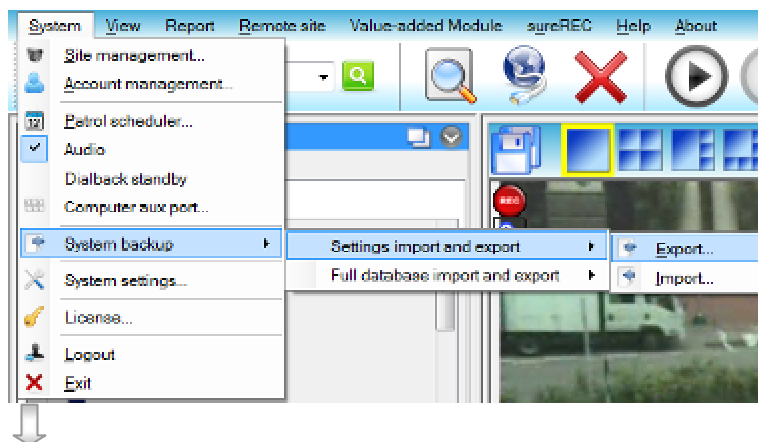
- System settings backup
 - Export
 - Import
- Full database backup
 - Export
 - Import
- Save picture
- Video backup

18.1. System settings backup

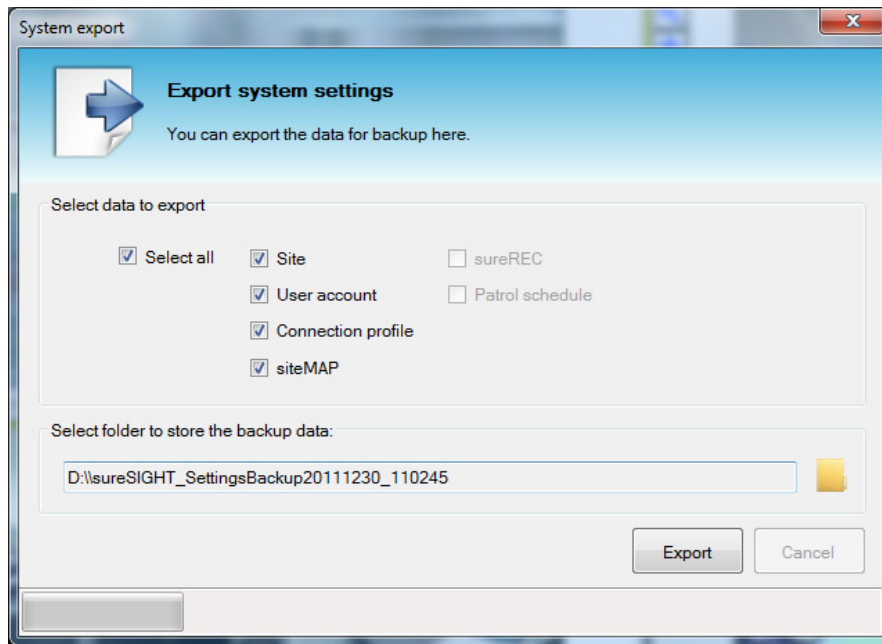
System settings backup function allows you to backup sites, user accounts, connection profiles and sitemap information when performing system upgrade, migration or maintenances.

18.1.1. Export

Select **[System]** -> **[System backup]** -> **[Settings import and export]** -> **[Export...]** from the menu bar.



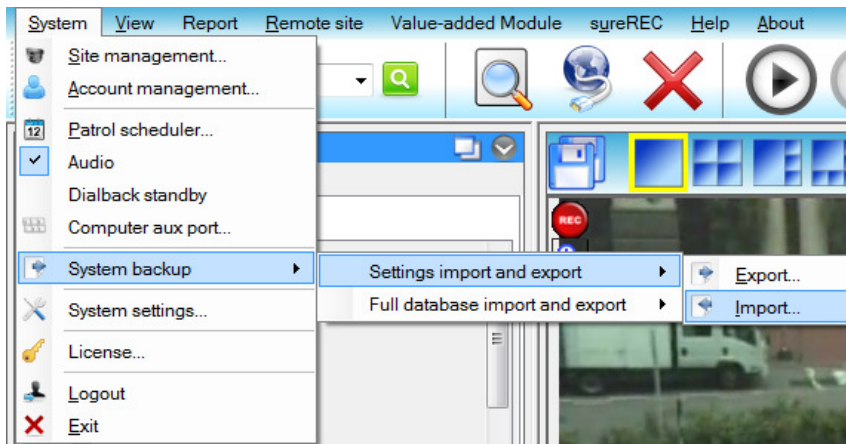
The following window is displayed.



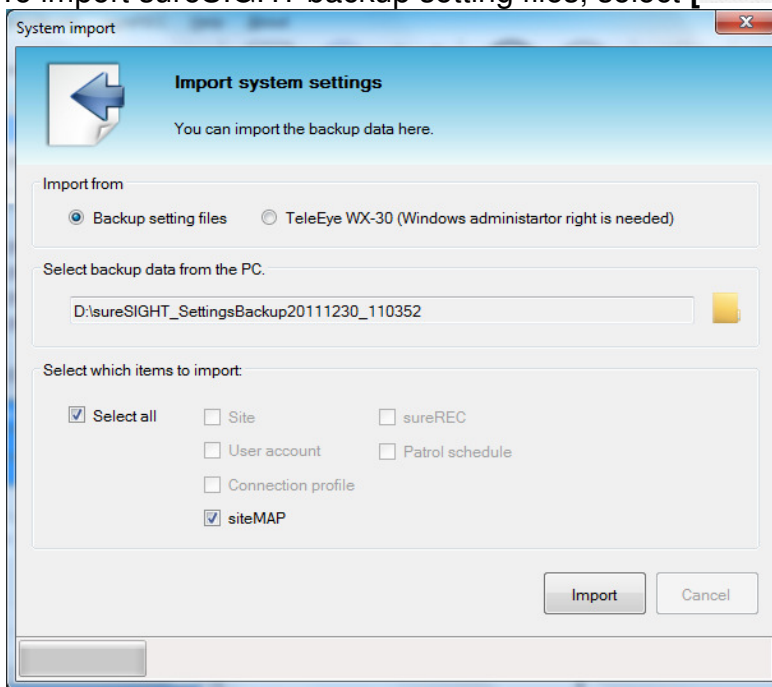
To export the information, click **[Export]** button. Choose the path and file name for export. Click **[Save]** button to export the information to the Excel file.

18.1.2. Import

Select **[System]** -> **[System backup]** -> **[Settings import and export]** -> **[Import...]** from the menu bar.

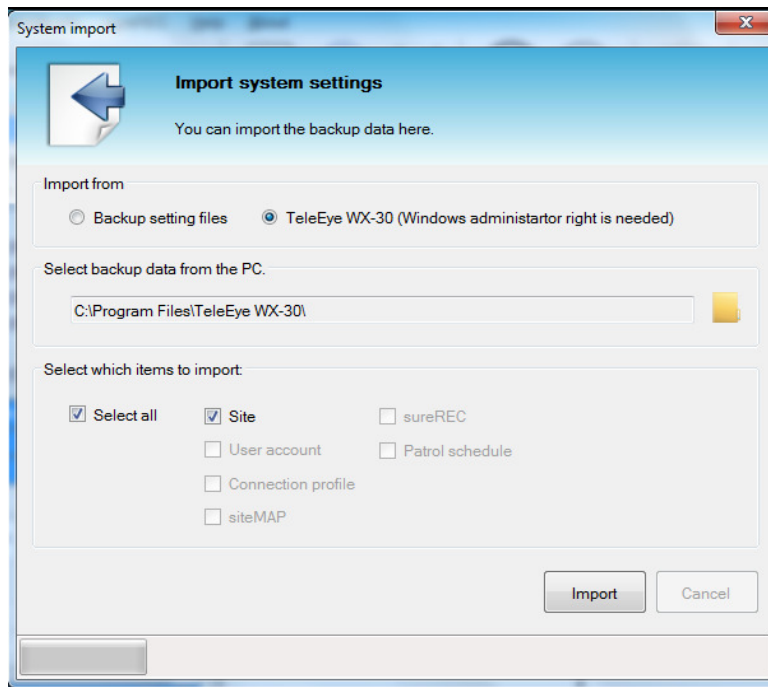



1. To import sureSIGHT backup setting files, select **[Backup setting files]**.



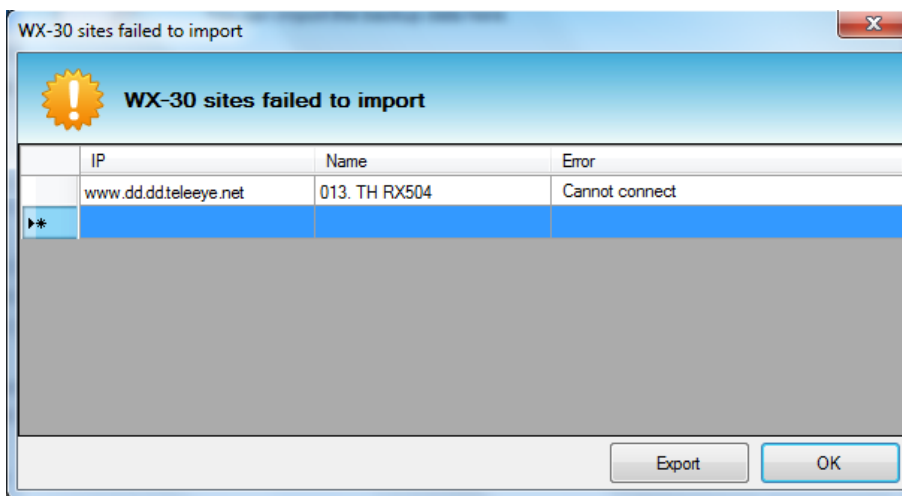
Then click **[Folder selection icon]** button to select folder that contains backup information. Click **[Import]** button to import the information.

2. To import sites from WX-30 database, select **[TeleEye WX-30 (Windows administrator right is needed)]**.



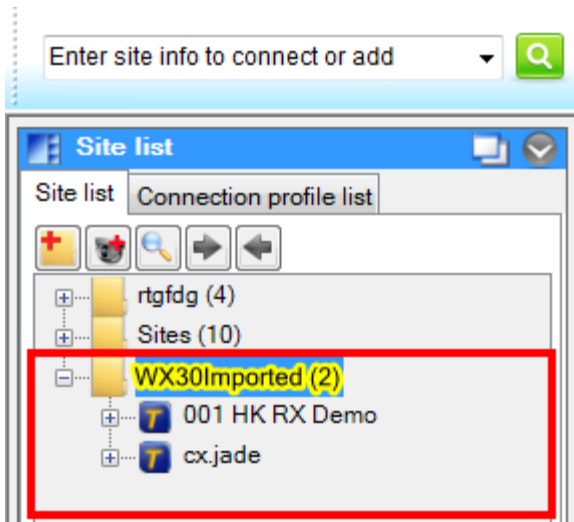
Step 1. Click [] to select WX-30 database folder. Then click **[Import]** button to import WX-30 sites.

Step 2. A table of sites that failed to import will be shown.



Step 3. Click **[Export]** to save the failed site table (if required).

Step 4. WX-30 sites with group name WX30Imported will be imported to the Site List.

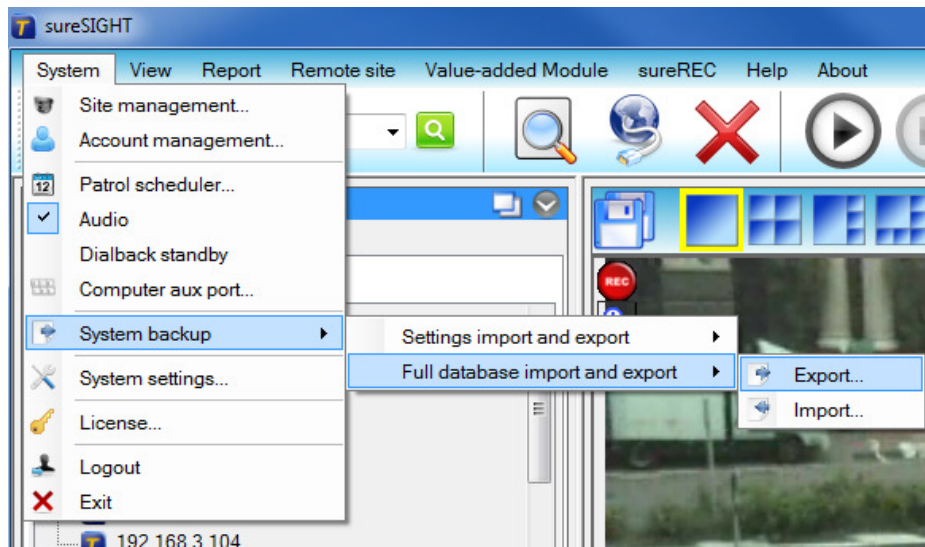


18.2. Full database backup

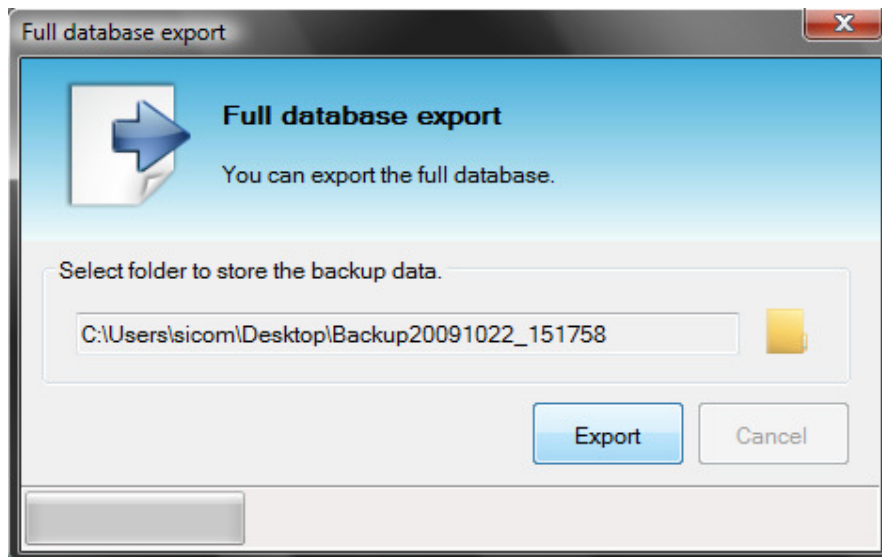
Full database backup function allows you to backup sites, user accounts, connection profiles and sitemap information when performing system upgrade, migration or maintenances.

18.2.1. Export

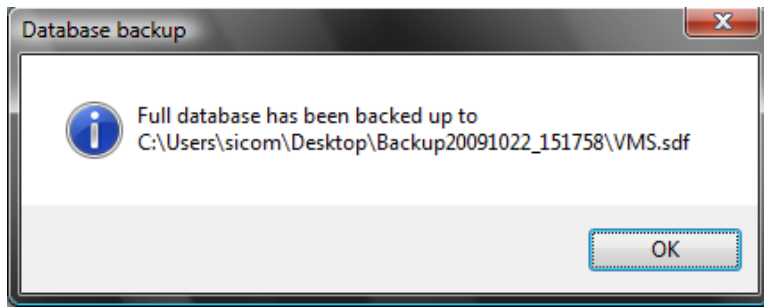
Select **[System]** -> **[System backup]** -> **[Full database import and export]** -> **[Export...]** from the menu bar.



The following window is displayed.



To export the information, choose the path and file name for export. Click the **[Export]** button.

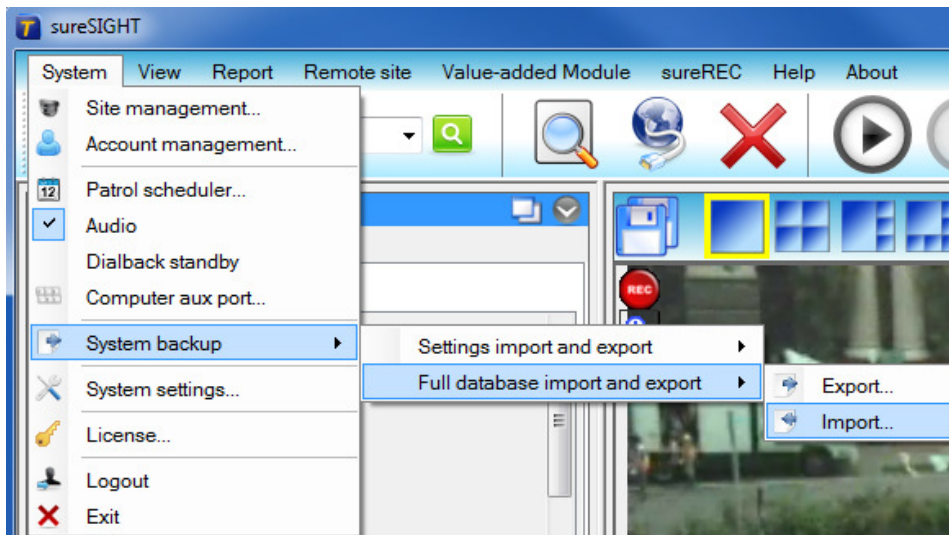


A notice dialog box with the path of backup file will appear.

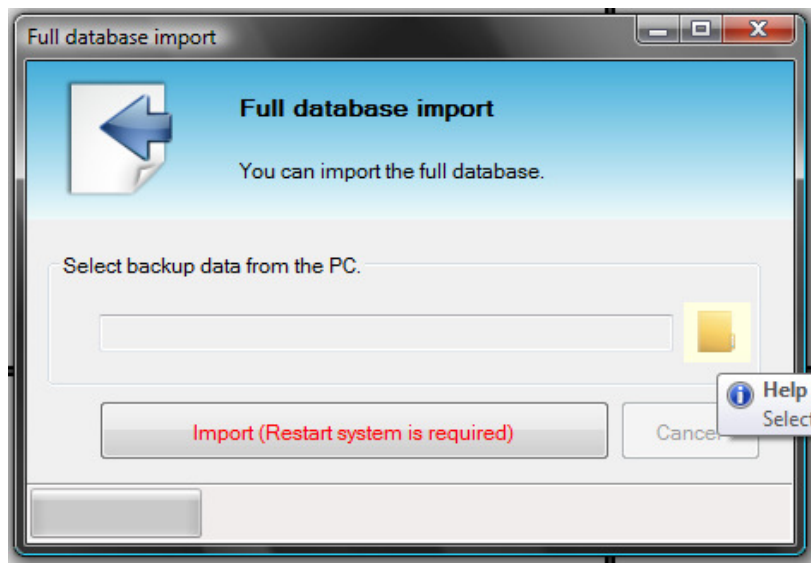
18.2.2. Import


****All settings in the sureSIGHT will be removed when imported*

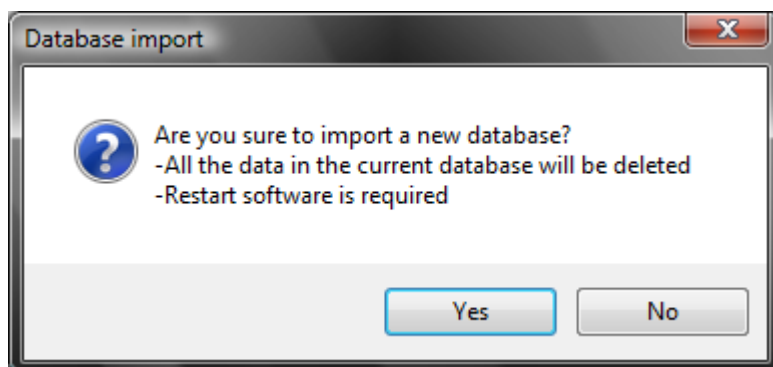
Select **[System]** -> **[System backup]** -> **[Full database import and export]** -> **[Export...]** from the menu bar.



The following window is displayed.



To import the information, click the [] button to select the folder that store the backup information on **[Import (Restart system is required)]** button to import the information.



A warning dialog box will appear, **[Yes]** to continuous the Database import, all data in current database will be deleted, **[No]** to terminate the backup.

18.3. Camera reference image

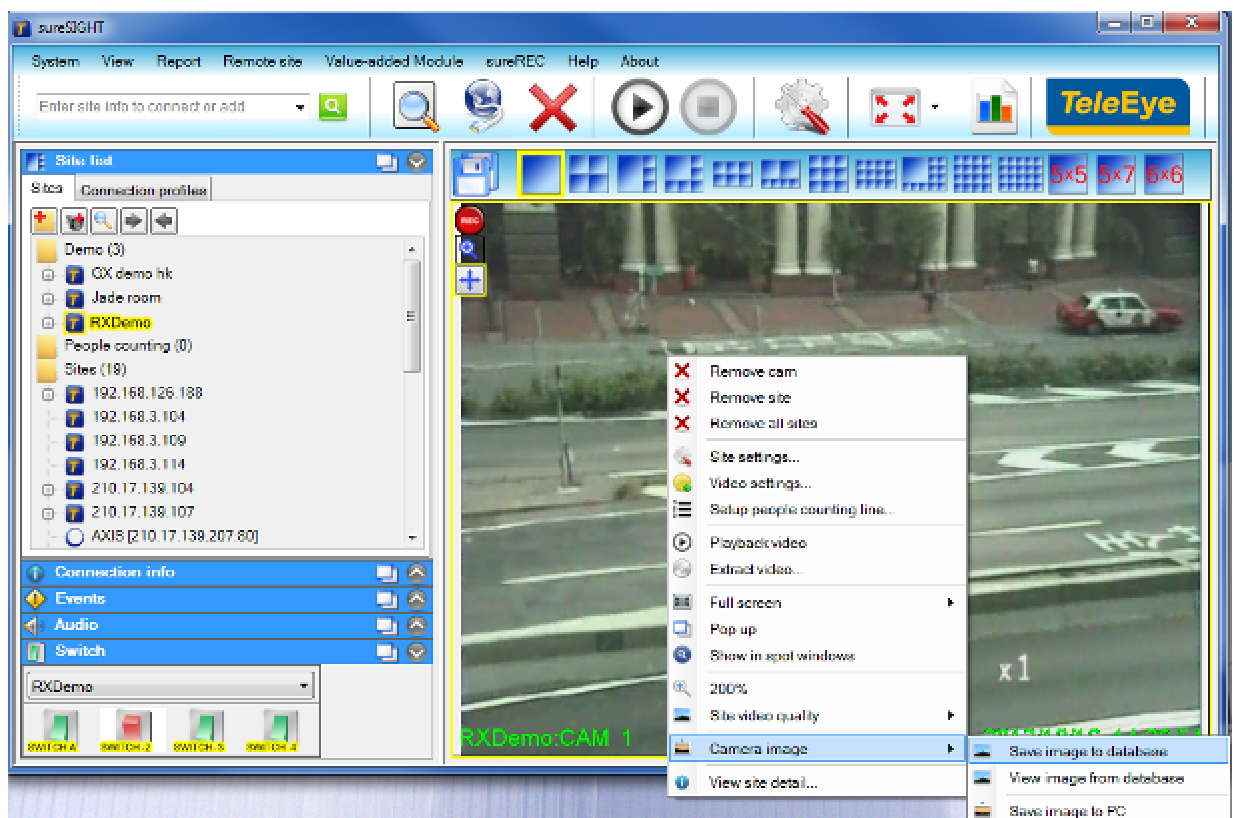
18.3.1. Adding a New Camera Reference Image

To add a new camera reference image to a site, follow the steps below:

Step 1. There are 2 methods to add camera images.

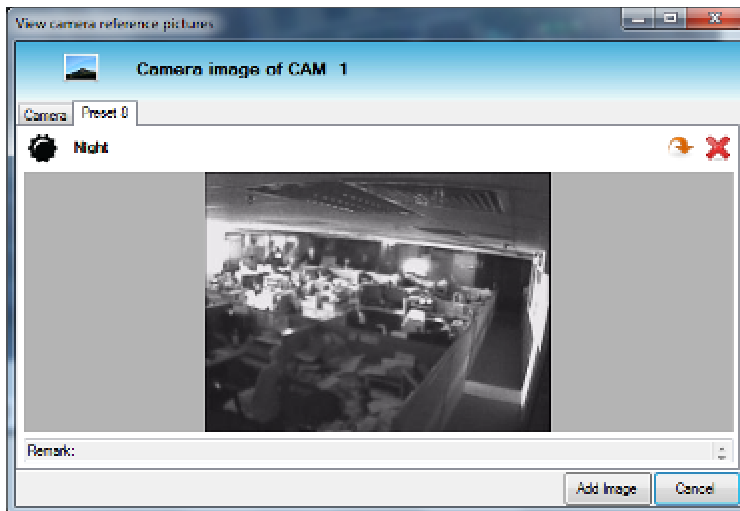
Method 1:

Connect to a site and right click at a camera, choose **[Camera Image]** -> **[Save reference image to database]** to save a camera reference image.



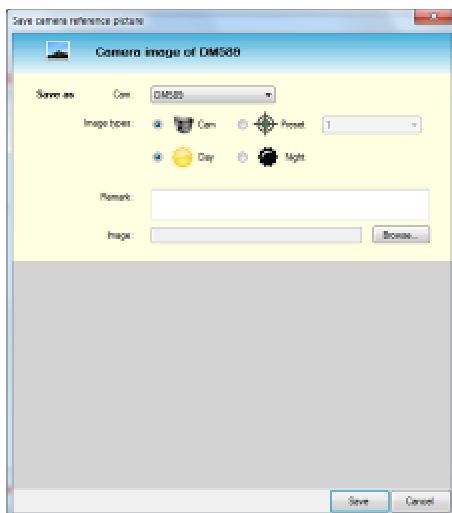
Method 2:

If one or more images have been saved, you can add new images by image viewer. Connect to a site and right click at a camera, choose **[Reference picture]** -> **[View image from database]**



Then Click **[Add Image]** button

Step 2. A form to save camera image is displayed.



Step 3. Select camera, image types and input remark

Cam: Image for normal camera view

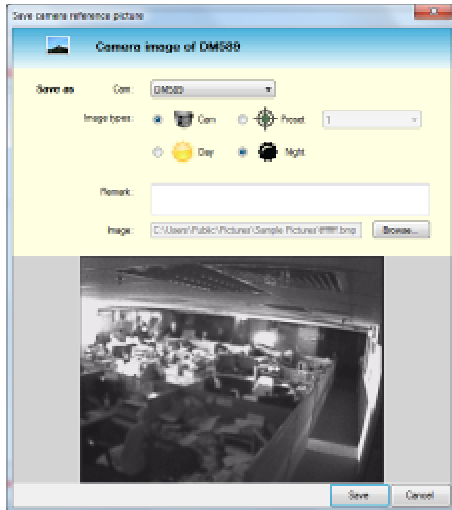
Preset: Image for preset camera view

Day: Image in daytime

Night: Image in nighttime

Step 4. Click **[Browse...]** to choose the image for this camera.

For step 1 method 2, the default image is automatically loaded to this form, so you can skip this step by using the default image.



Step 5. Click [**Save**] button to save the image.

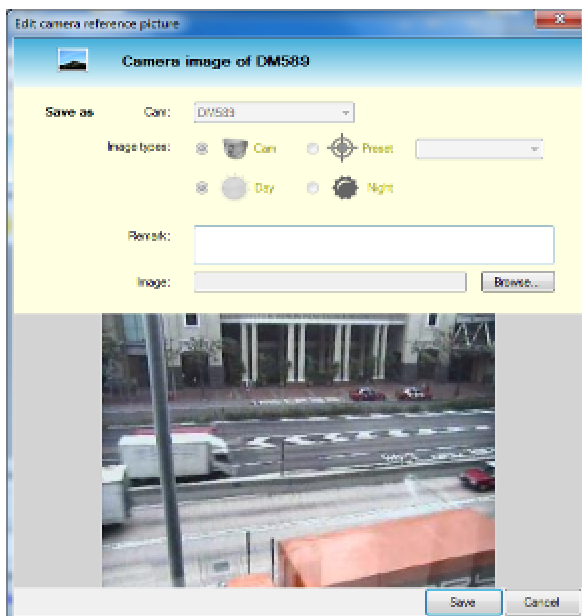
18.3.2. Editing or Delete an Existing Image

To update camera reference image, follow the steps below:

Step 1. Connect to a site and right click at a camera, choose [**Camera image**] -> [**View image from database**] to view camera reference images.

Step 2. You can edit or delete the images in the viewer.

1. **Edit image:** Click [] button to enter a edit form.



Then, click [**Browse...**] button to load new image and click [**Save**] button to save the changes.

2. **Delete image:** Click [] button to delete the image.

18.3.3. Save live and playback Image to PC

To capture viewing camera reference image and save the image to PC, follow the steps below:

Step 1. Connect to a site to view live or playback video. Then right click at a video screen, choose [**Camera image**] -> [**Save image to PC**] to save an image for this camera.

Then an image viewer is displayed, you can view and save the captured image.

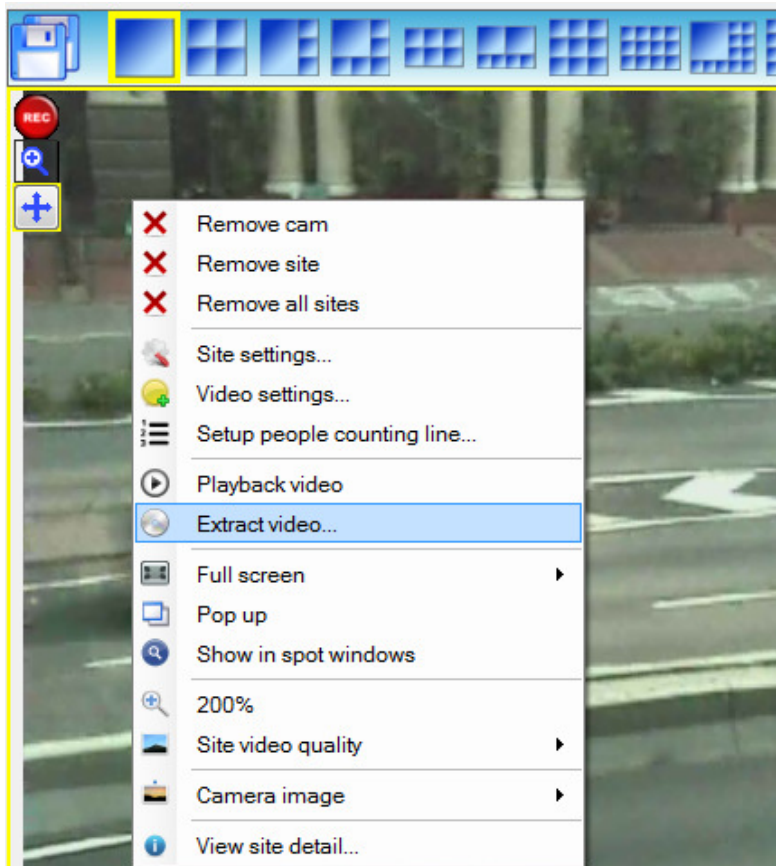


Step 2. Click [] button to save the image.

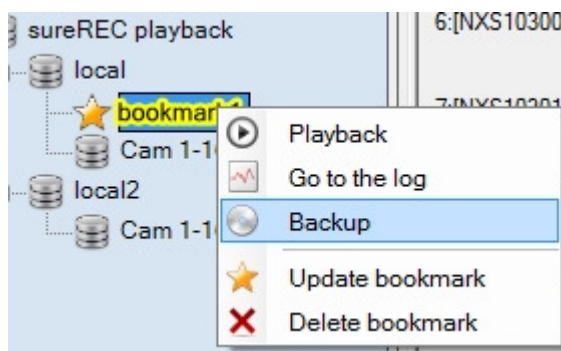
18.4. Video backup

There are 4 ways to enter the {footage extraction} window to record video.

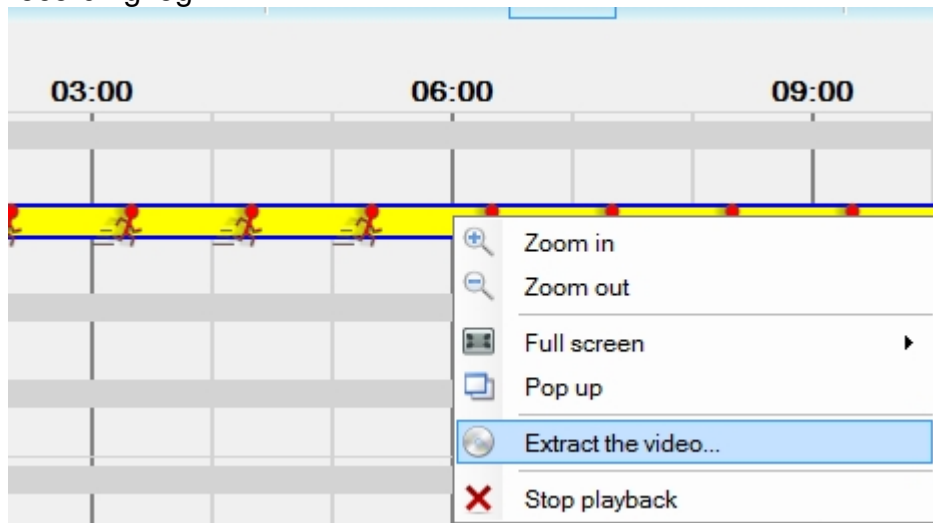
Method 1: Select **[Extract video...]** in the right-click menu of a video window.



Method 2: Select **[backup the video...]** in the right-click menu of a bookmark. The video backup start time will be pre-defined to the time of bookmark.



Method 3 (Only on GX/RX): Select **[Extract the video...]** in the right-click menu of recording log. The video backup start time will be set to user selected time in recording log.



Method 4: Click [] button in the playback log.

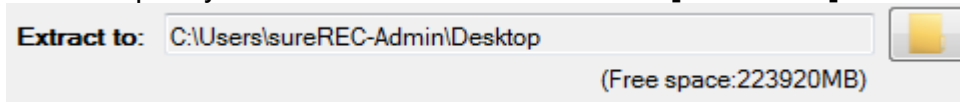


{Footage extraction} shown.

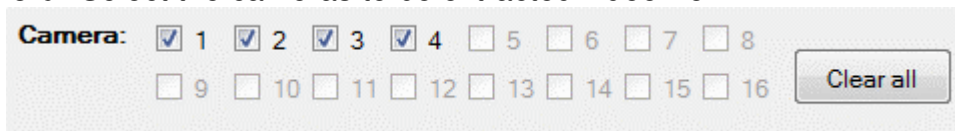
For RX/GX:

Remote Server Recording Information: Shows the information of the video data. Such as the available period of time, the space of hard disk in the video server.

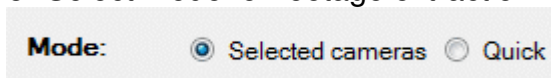
Extract To: Specify a folder to store the data. Click **[Browse...]** to choose a path.



Camera: Select the cameras to be extracted video from.



Mode: Select mode for footage extraction.



Start Date/Time: Select the start date/time.

Start date: 2013年4月

週日	週一	週二	週三	週四	週五	週六
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8	9	10	11

Today: 12/4/2013

Start time: 12 : 6

End datetime:

Extract 1 minute(s)

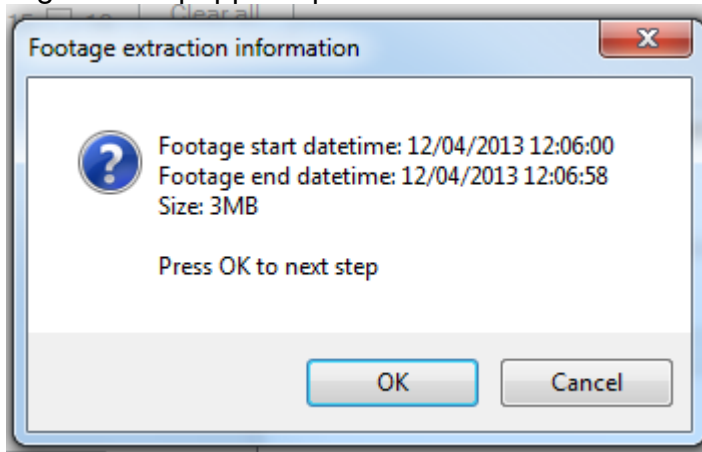
Estimated end datetime: 12/04/2013 12:07

Click **[Recording Start Time]** to select start time of the recording log.
 Click **[Current Hour]** to select current hour of the server.

End Date/Time: Specified by period length or memory size of the video data to be extracted.

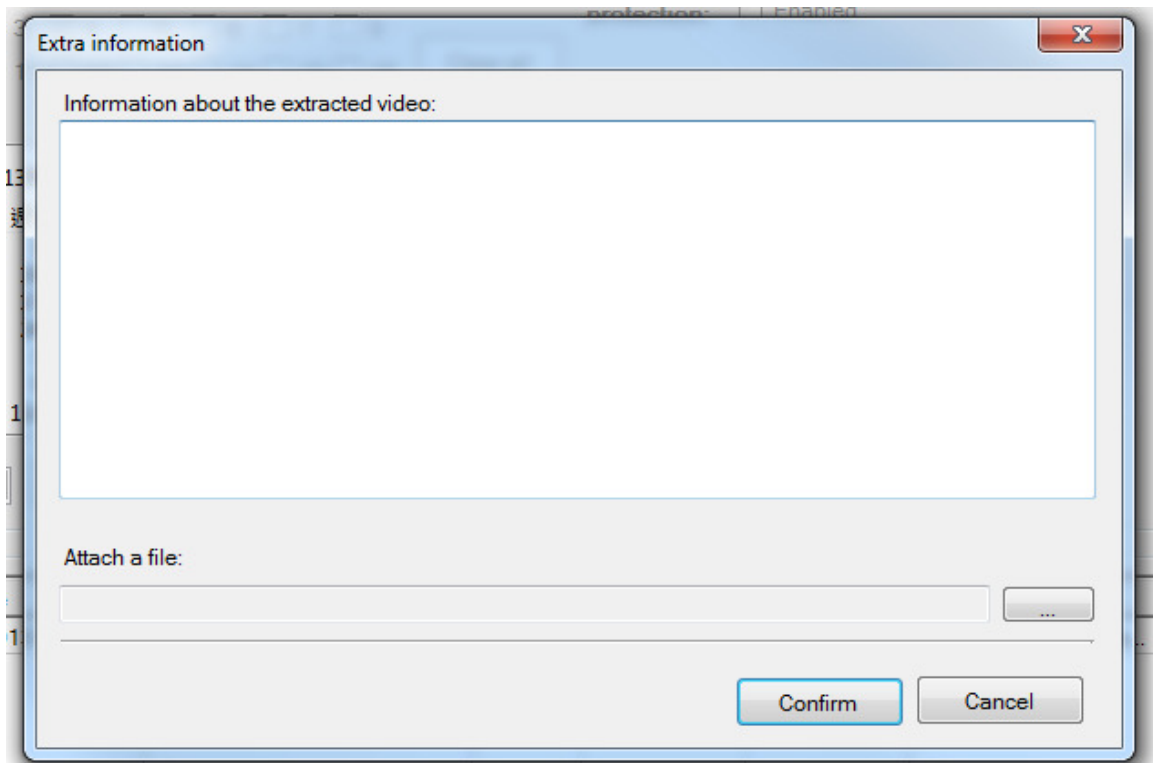


Step 6: Click Start extraction to start the video backup process. A confirmation message will be popped up.

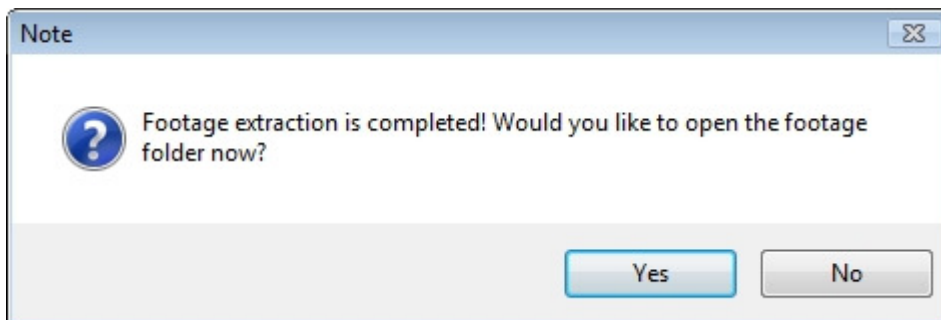


If the information is correct, click **[OK]** to start the extraction.





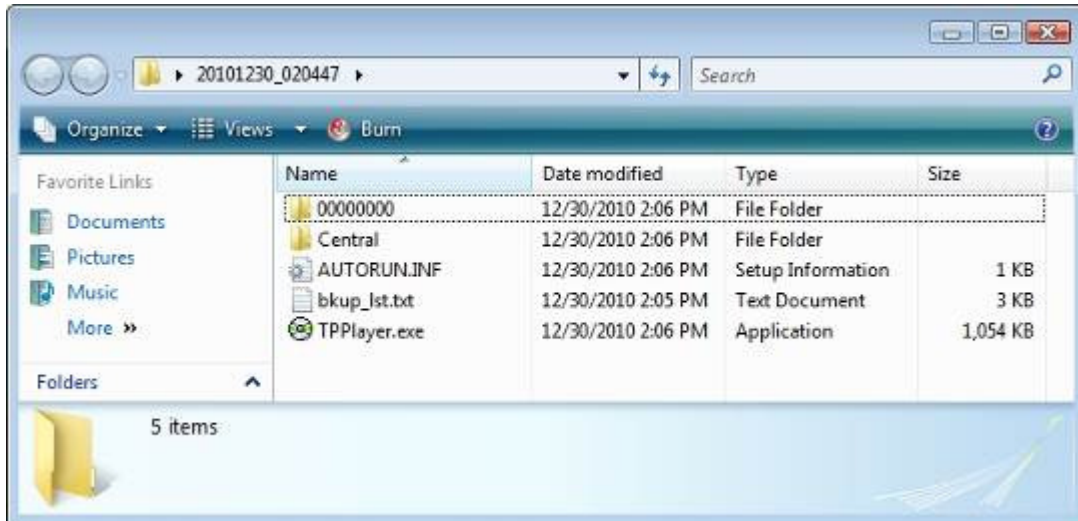
- Click **[Confirm]** to add description of the video backup using a text file.
- Click **[Cancel]** to cancel extraction.



Video backup completed.

- Clicking **[Yes]** can go to the backup directory.

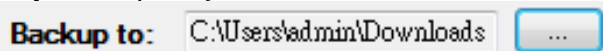




For JN/VN:

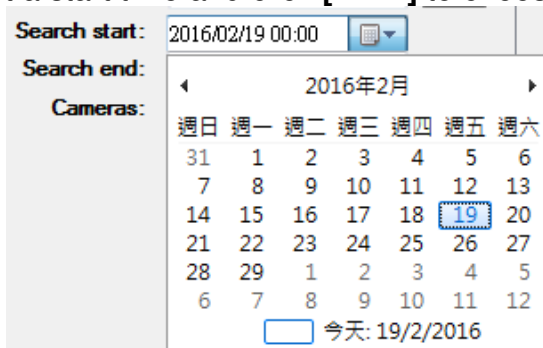
Step 1: Specify the search criteria.

Backup To: Specify a folder to store the data. Click [...] to choose a path.



Search start: Specify a date and time as the start time period of the extraction.

Input a start time and click [📅] to choose a date.



Search end: Specify a date and time as the end time period of the extraction. Input an end time and click [📅] to choose a date.

Camera: Select the cameras to be extracted video from.

Cameras:

1 2 3 4
 5 6 7 8
 9 10 11 12
 13 14 15 16
 17 18 19 20
 21 22 23 24
 25 26 27 28
 29 30 31 32

Step 2: Click **[Search]** to start the video backup process.

Step 3: Select the videos to be extracted in the recording list and click **[Add to extraction list]** button.

	Camera	Start time	End Time
<input type="checkbox"/>	1	16:54:17 19/02/2016	16:59:29 19/02/2016
<input type="checkbox"/>	1	16:42:21 19/02/2016	16:54:17 19/02/2016
<input type="checkbox"/>	1	16:30:21 19/02/2016	16:42:21 19/02/2016
<input type="checkbox"/>	1	16:18:27 19/02/2016	16:30:21 19/02/2016
<input type="checkbox"/>	1	16:03:28 19/02/2016	16:18:27 19/02/2016
<input type="checkbox"/>	1	15:51:17 19/02/2016	16:03:28 19/02/2016
<input type="checkbox"/>	2	11:59:53 19/02/2016	16:22:52 19/02/2016

Step 4: Click **[Start extraction]** to initiate the footage extraction.

Extraction list:

Start time	End time	Camera	Total Progress	Status	Open
17:06:02 19/02/2016	17:09:31 19/02/2016	1		Waiting	<input type="button" value="Open"/>

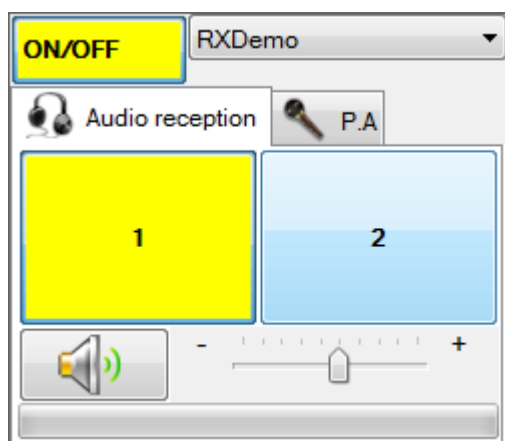
Step 5: Click **[Open]** to watch the video when the extraction process is completed.

Step 6: Video backup completed.

19. Audio control

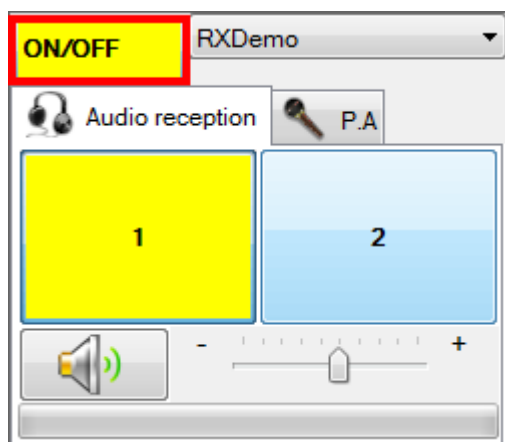
Audio control can receive audio from the remote site. This control also supports pre-recorded voice files for playing to the remote site.

19.1. Working environment

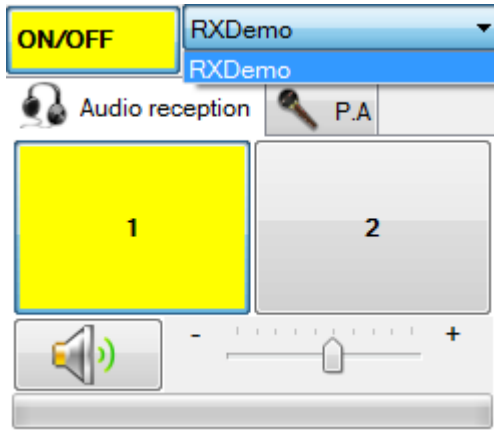


Audio Enable

Click the [On/OFF] button to enable the {Audio Reception} function.

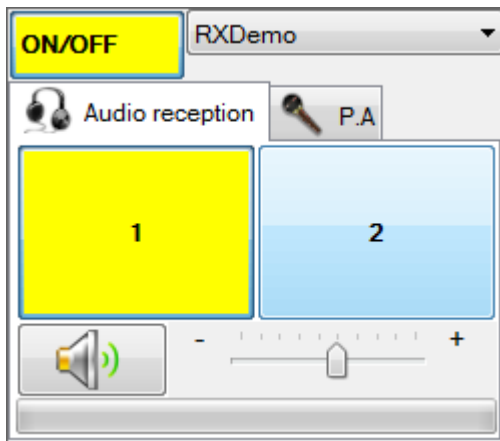



You can select a connected site to accept the audio.

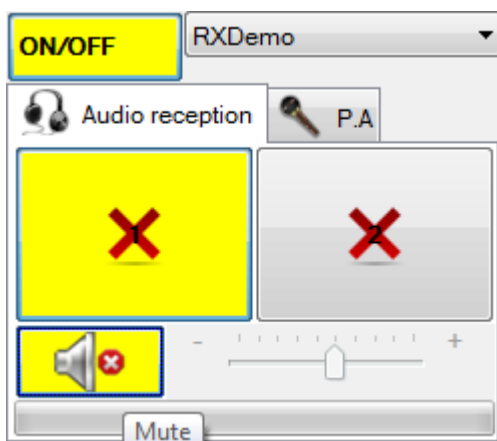


Audio Reception

You can select the audio channel, and control the speaker volume through enabling the speaker function

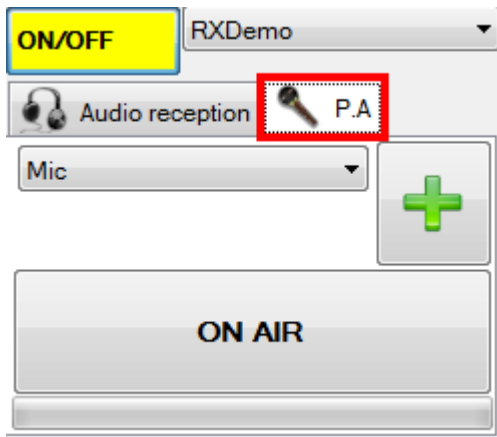


You can set audio to mute through [] button.




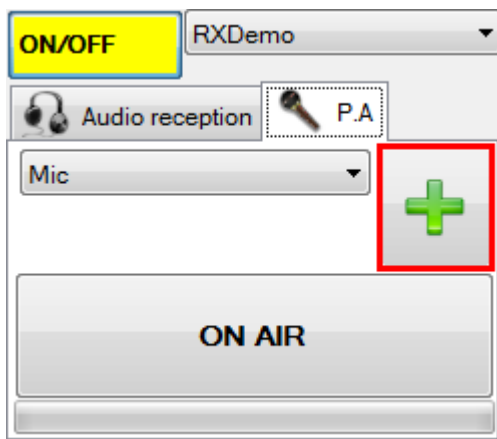
Public Address (P.A.) and Pre-recording voice file setting


Step 1. Click [] page to set P.A. function.



****If you want to play pre-recorded voice, please go to step 2. Otherwise please go to step 6.*

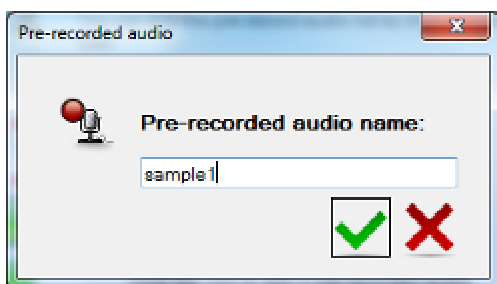
Step 2. Click [] button to add voice sources.



Step 3. Click [] icon in Pre-recorded audio settings window.

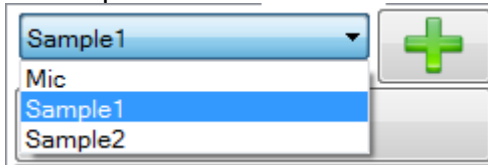
Step 4. Select a wav file and click **[Open]** button.
*** The wav file must be {16bit mono PCM} format


Step 5. Input name for the voice file



Step 6. Choose an audio source file from the dropdown list. You can start P.A by mic if

choosing Mic. Besides, you can play pre-recorded voice by choosing file that added in previous steps.



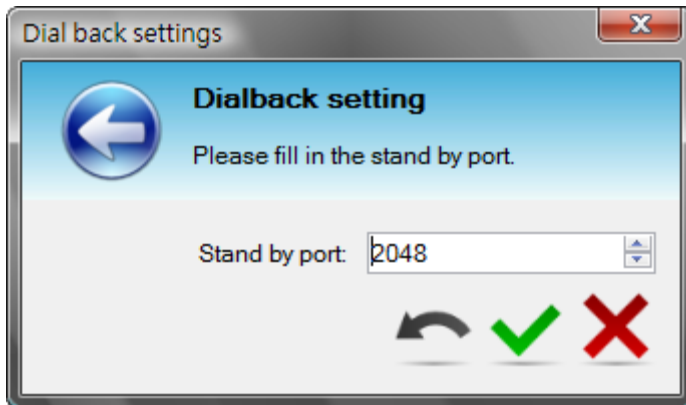
Step 7. Click [] button to start P.A. Click this button again to end P.A.

20. Dial back

Enable dial back standby

Step 1. Click **[System]** -> **[Dialback standby]** button on the **{Main menu}**.

Step 2. You need to specify a stand by port for the dial back function. The default port number is 2048.



Step 3. Click **[Tick]** to apply the setting. And the **[Dialback standby]** button will be set down. It represents the dial back function stand by.

Step 4. For the dial back event of the server site, please refer to the event management.

Dial back indication

When an event triggers a dial back, the site will be listed in the **{Connection Status}** dialog box with a red color highlight record. The triggered video will be displayed at a spot window. You also can double the triggered record to playback its video.

Site connection status			
	Site name	Datetime	Events
	1 [Dialback] r3	2009/10/16 11:24:43	AlarmT1
	1 [Dialback] r2	2009/10/16 11:24:51	Motion4,VL1

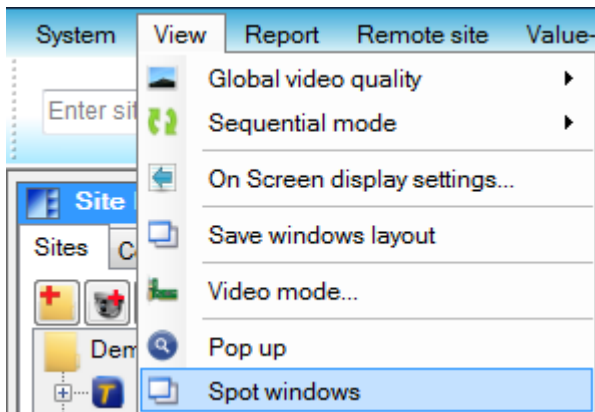
(Remark: The dial back function can support up to 4 dial back event at the same time.)

21. Spot Window

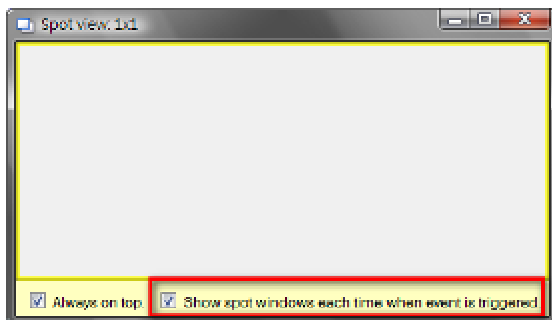
Spot window allows triggered video display on a spot window.

Working Environment:

Step 1. Click **[View]** -> **[Spot windows]** button on the **{Main menu}**.



Step 2. **[Show spot windows each time when event is triggered.]** Options allow you to enable the spot window popup function when event triggered.



22. Video comment


Video comment allows you to input comment for the live or playback video. The video comment can be used as keywords to search playback video and it will be displayed on the video during video playback.

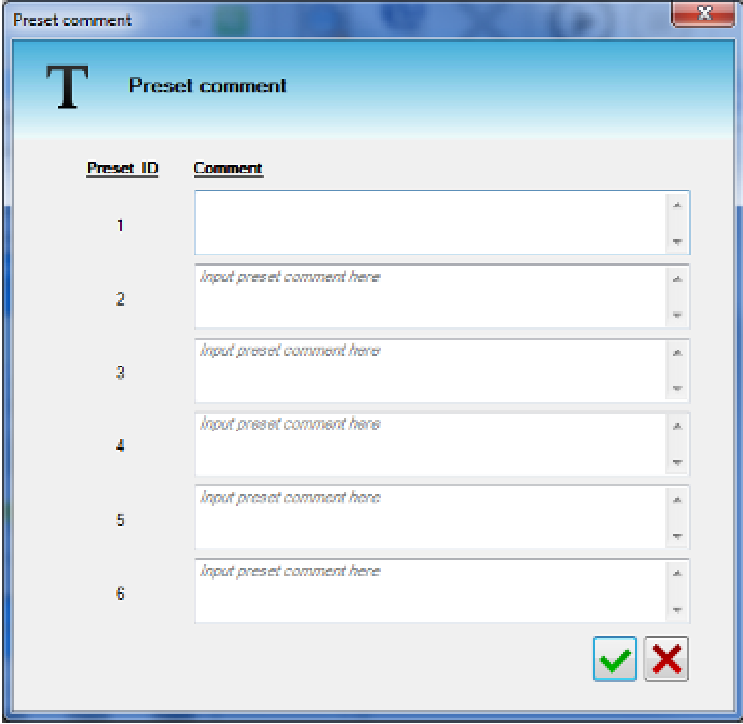
22.1. Add Preset video comment

Preset comment allows you to save 6 commonly used video comments.

To add preset video comments, follow the steps below.

Step 1. Click [**Value-added Module**] -> [**Video comment history...**] button on the {**Main menu**}.


Step 2. Input preset comment and the click  to save the result.




Preset ID	Comment
1	
2	Input preset comment here
3	Input preset comment here
4	Input preset comment here
5	Input preset comment here
6	Input preset comment here

22.2. Input video comment

To add video comment to the video, follow the step below.

Step 1. If the site is currently recording in sureREC,  button will display in live or playback video.

Step 2. Click  button. A panel to input video comment will be shown.



Step 3. Three methods to Input comment.

1. Input text in the space

2. Click

1	2	3
4	5	6

 to load preset comment

3. Click

▼

 to load recently inputted comment.

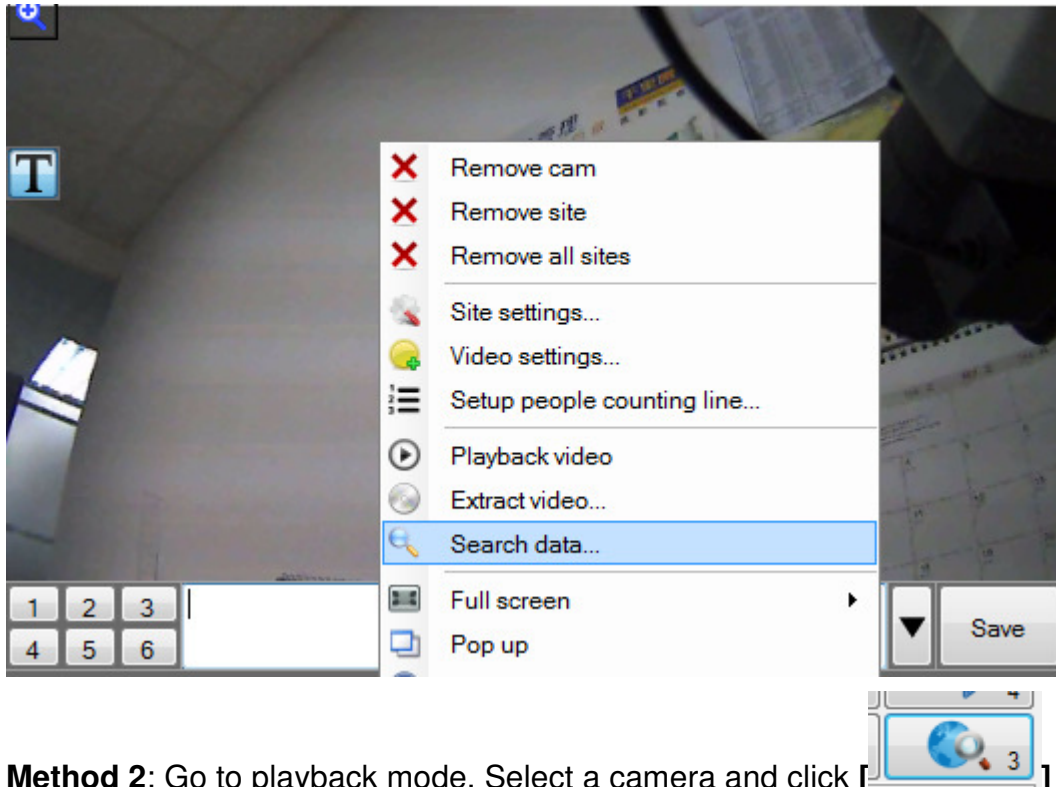
Step 4. Click [**Save**] to save the video comment.


22.3. Search playback video by video comment

You can search the playback video by video comment.

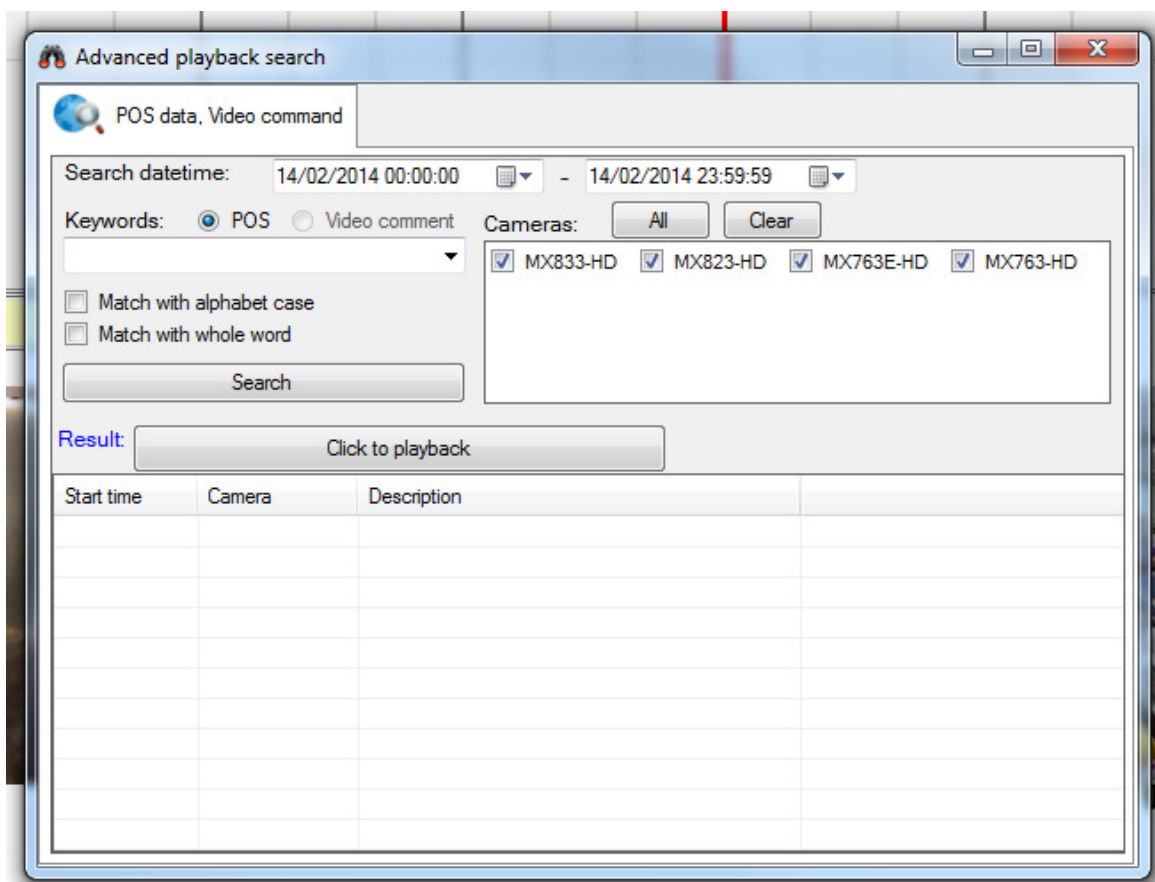
Step 1. Two methods to search video comment and playback

Method 1: Right click on video and click [**Search data...**].




Method 2: Go to playback mode, Select a camera and click [] button.

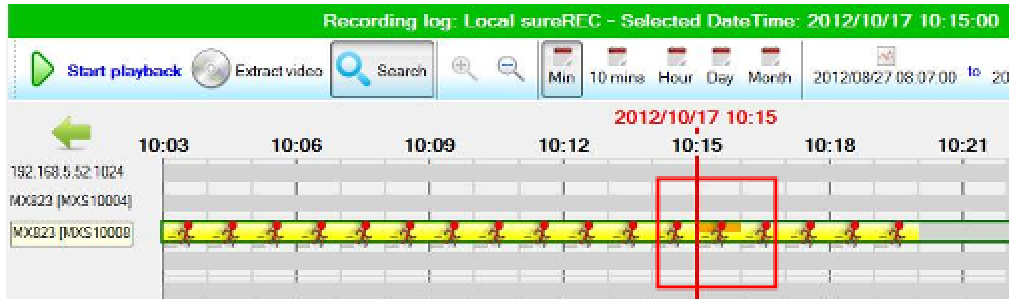
Step 2. A panel to search video comment will be shown.



Remark: no keyword inputted means to search all video comments.

Step 3. Input search criteria and click **[Search]** button to search the result.

The recorded video with video comment will be indicated with  in video recording bar.



Step 4. Click **[Click to playback]** to start video playback at corresponding time.

23. Flow Analysis

Please refer to “Flow Analysis Setup Guide for Indoor Environment” for camera and sureSIGHT setup procedure.

24. Video Analytic

Video analytic includes three types of function, Intrusion, loitering and missing/unattended object detection. When event occur, it can alert to the local sureSIGHT user, and also soft-trigger the video server’s alarm to alert other remote users.

24.1. Setup Video Analytic detection

The three detections is set independently, and maximum three regions can be setup each.


24.1.1. Intrusion detection

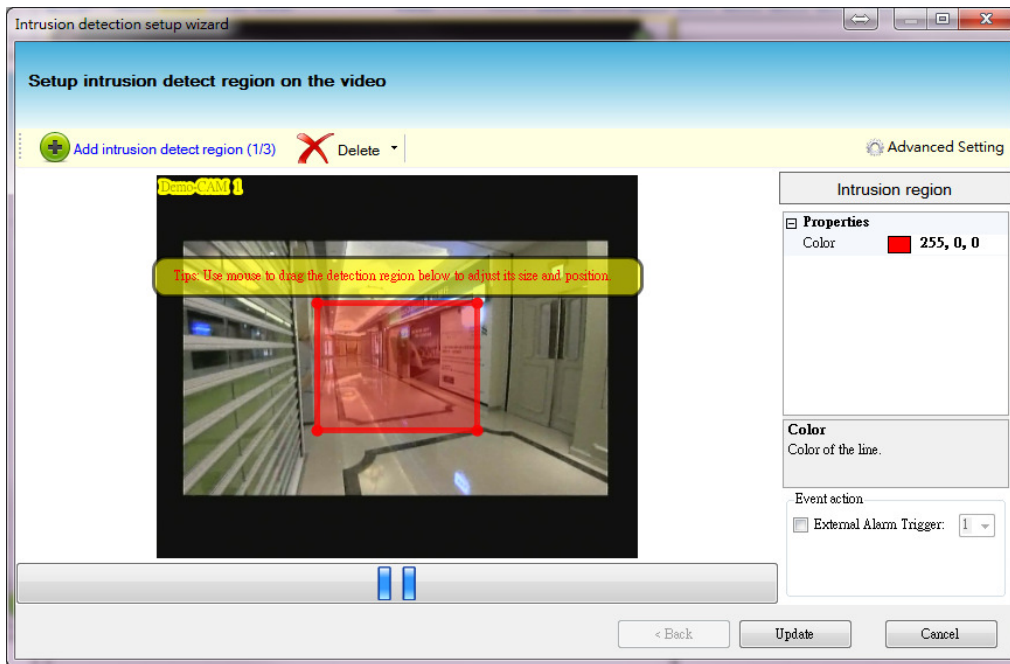
To add intrusion detection, follow the steps below.

Step 1. Click [**Value-added Module**] -> [**Intrusion detection...**] button on the {**Main menu**}

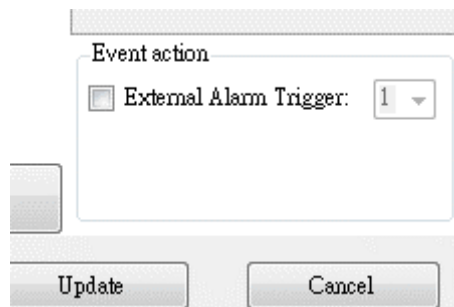
Step 2. Click “Setup Intrusion detection”  button to add a camera.

Step 3. Choose a camera from the camera list.

Step 4. In the video area, you can add maximum of three intrusion regions. Position, shape and size can be adjust for each region. Pause video button  may be helpful in some situation for placing the detection regions.



Step 5. In the event action setting, external alarm trigger can be set in order to soft trigger the video server when detection event occurred. Assign one free alarm number in the combo box.



Step 6. Click “Finish” button to apply the setup.


24.1.2. Loitering detection

To add loitering detection, follow the steps below.

Step 1. Click **[Value-added Module] -> [Loitering detection...]** button on the **{Main menu}**

Step 2. Click “Setup Intrusion detection”  button to add a camera.

Step 3. Choose a camera from the camera list.

Step 4. In the video area, you can add maximum of three intrusion regions. Position, shape and size can be adjust for each region. Pause video button  may be helpful in some situation for placing the detection regions.


Step 5. In the event action setting, external alarm trigger can be set in order to soft trigger the video server when detection event occurred. Assign one free alarm number in the combo box.

Step 6. Click “Finish” button to apply the setup.


24.1.3. Unattended/Missing object detection

To add unattended/missing object detection, follow the steps below.

Step 1. Click **[Value-added Module] -> [unattended/missing object...]** button on the **{Main menu}**

Step 2. Click “Setup Unattended/missing object detection”  button to add a camera.

Step 3. Choose a camera from the camera list.


Step 4. In the video area, you can add maximum of three intrusion regions. Position, shape and size can be adjust for each region. Pause video button  may be helpful in some situation for placing the detection regions.

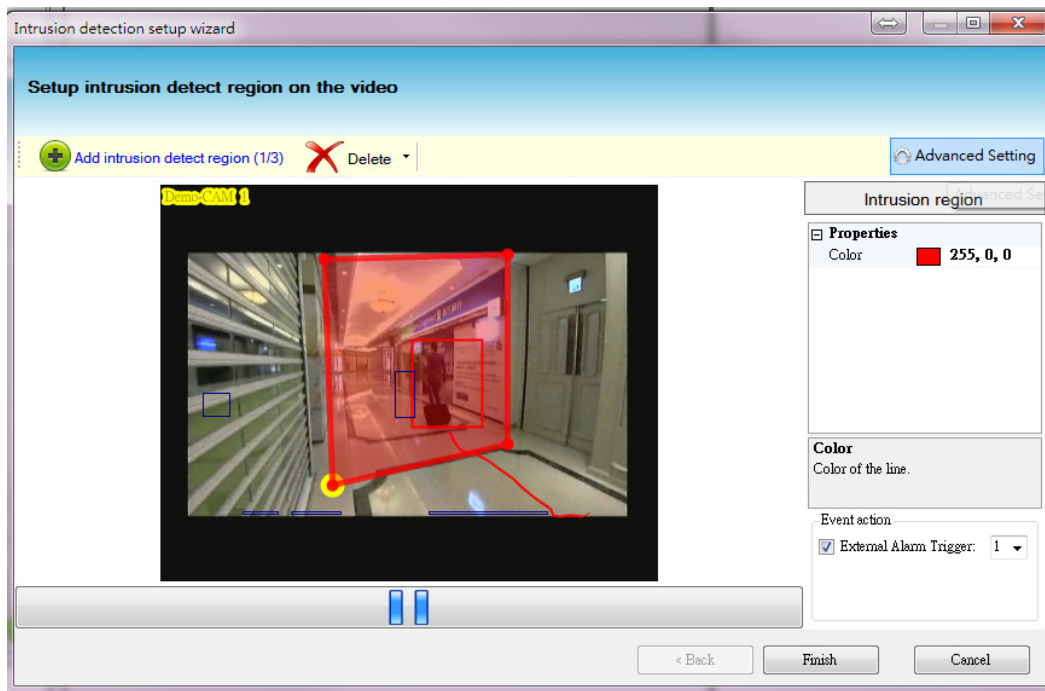
Step 5. In the event action setting, external alarm trigger can be set in order to soft trigger the video server when detection event occurred. Assign one free alarm number in the combo box.

Step 6. Click “Finish” button to apply the setup.

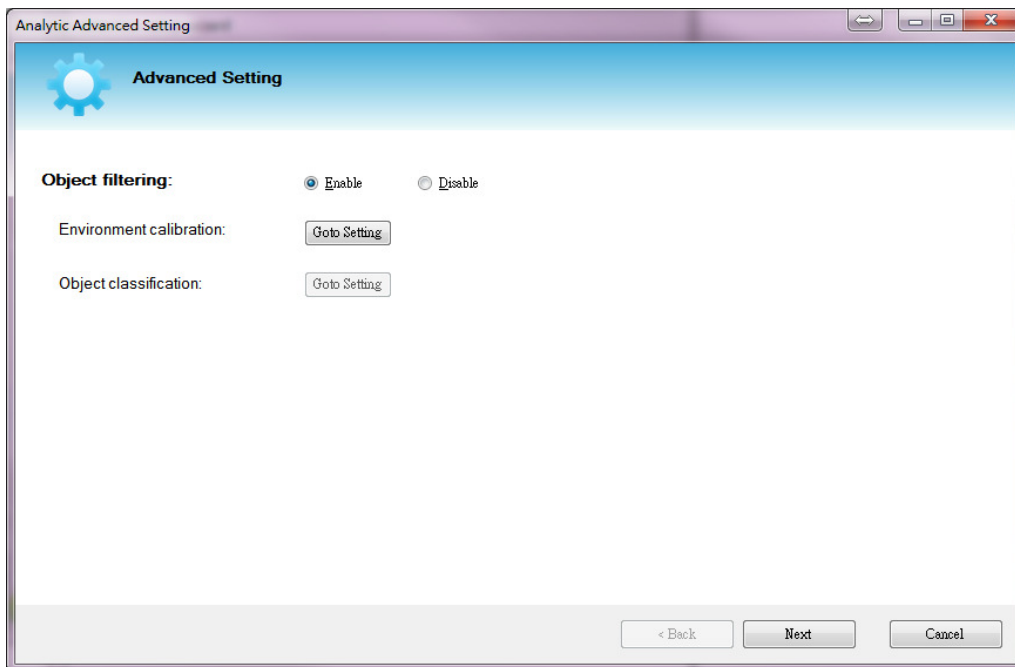
24.1.4. Advanced Setting – Object filtering

To minimize the chance of false alarm, object filtering is used to filter out non-interested object which could triggered false alarm. Object filtering can be apply to intrusion, loitering and unattended/missing object detection. Follow the below step to enable object filtering.

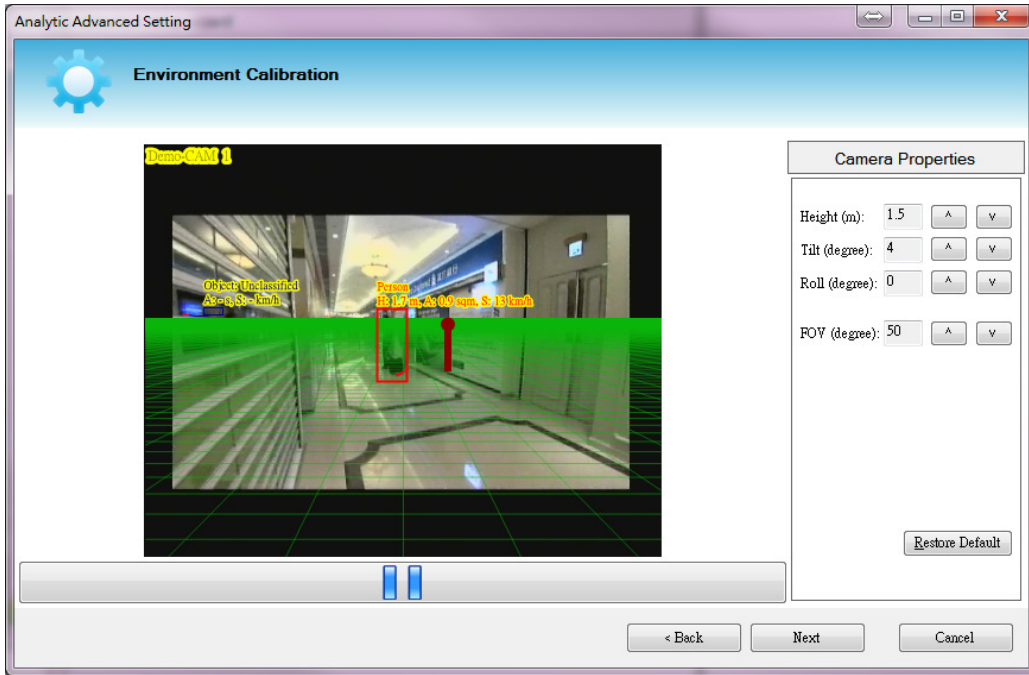
Step 1. At the intrusion detection setup screen, for example, click on the  “Advanced Setting” button.



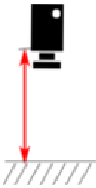
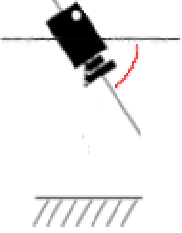

Step 2. Select “enable” to start object filtering and then click “Next” button.



Step 3. The first step of enabling object filtering is to do calibration by entering the camera install orientation and property.

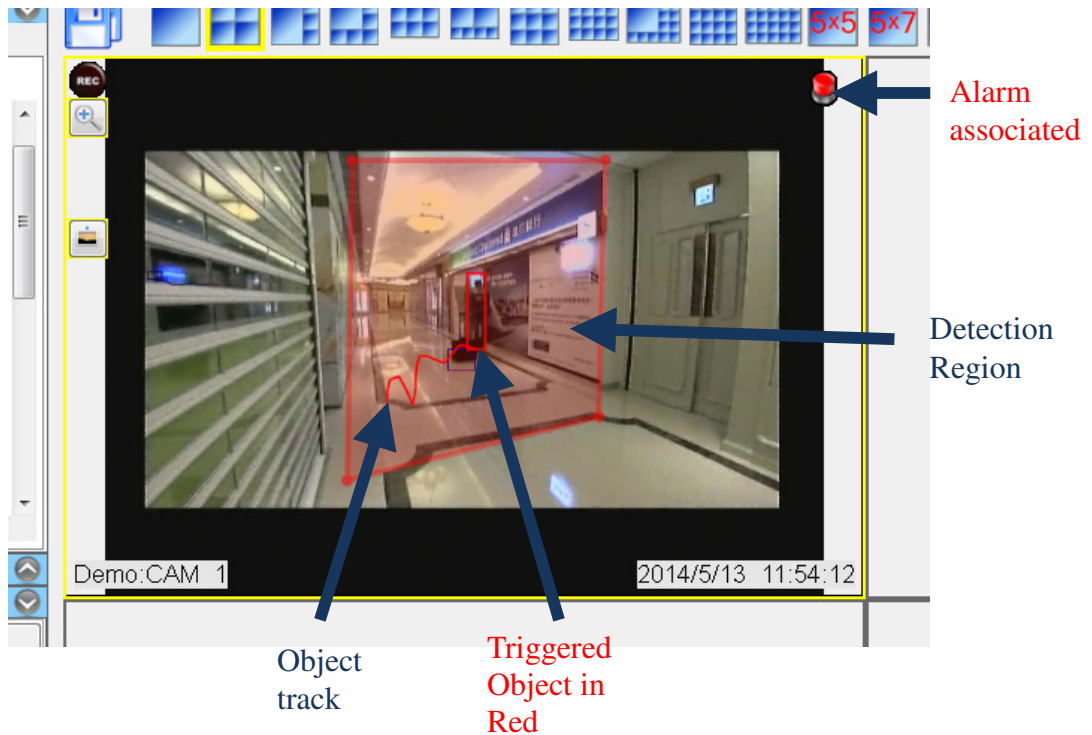


Camera properties:

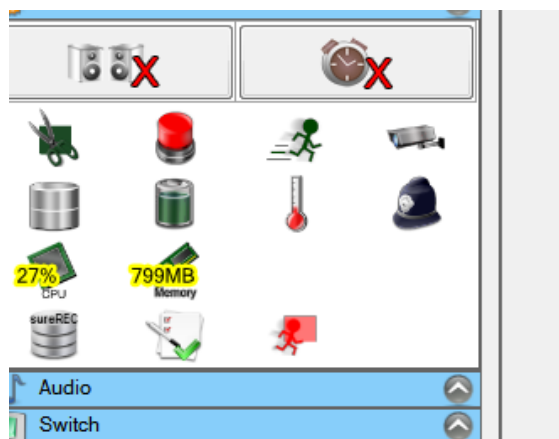
Property	Description
Height (m)	Distance between camera and the floor in meter. 
Tilt (degree)	Camera tilt angle from horizontal. 
Roll (degree)	Camera roll angle from horizontal. 
FOV (degree)	Field of view (FOV) angle of the camera.


24.2. Video Analytic event



When Video Analytic detection is enabled on a camera, the analytic information is shown on live screen.



In the Events panel, video analytic icon is shown triggered when any of the analytic event occurred.




Icon	Description
	Normal

	Triggering
	Triggered

To see the detail of occurring event, click on the analytic event icon to show the list.

Analytic Event: ✖

Status	Type	Group	Site name	Camera name	Time		
 Triggered	Intrusion	Sites	Demo	CAM 1	5/13/2014 12:36:16 PM	<input type="button" value="Live"/>	<input type="button" value="Playback"/>

Engine Event:

Error	Group	Site name	Camera name	Time		

There are two types of event, the analytic event (intrusion, loitering and unattended/missing object detection) which located at the upper list of the event dialog. And engine event that include any connection problem, low frame rate warning and so on.

Trouble shooting

This section lists some common Frequently Asked Questions and Troubleshooting problems along with suggested causes and solutions.

24.3. Q & A

Problem 1.

I am trying to connect to the server using the software through the TCP/IP network, but the connection cannot be established and there is no video updated on the software.

Solution:

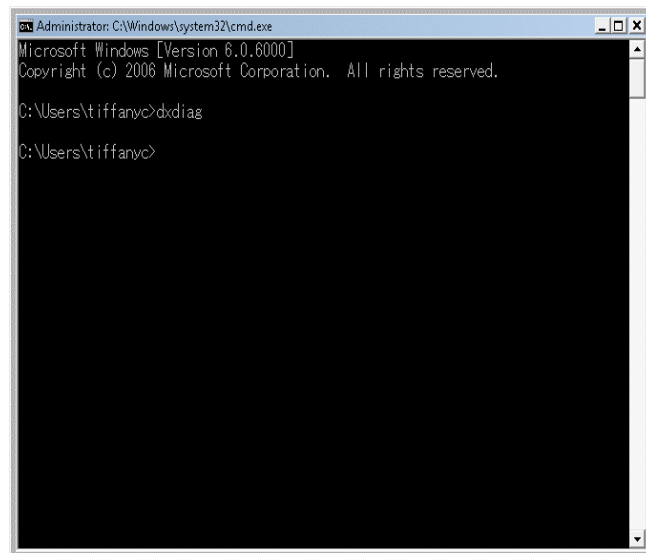
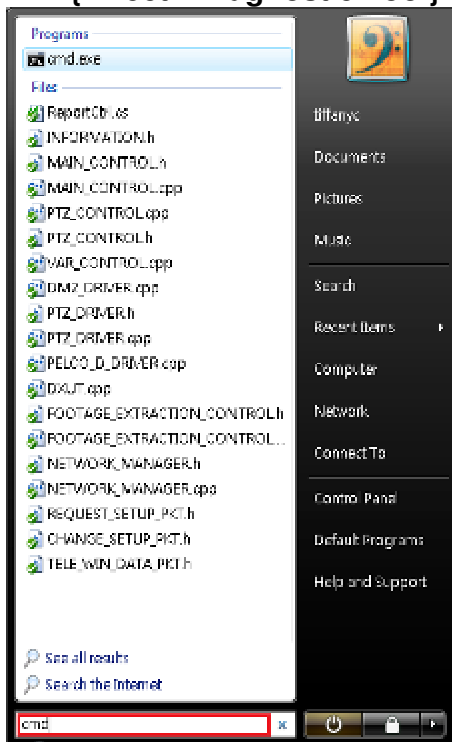
- Make sure **TeleEye Remote Server** is powered on.
- Make sure the server and your PC are connected to the network. Make sure the IP Address and port number are correct.
- Make sure the port is not blocked by any firewall.

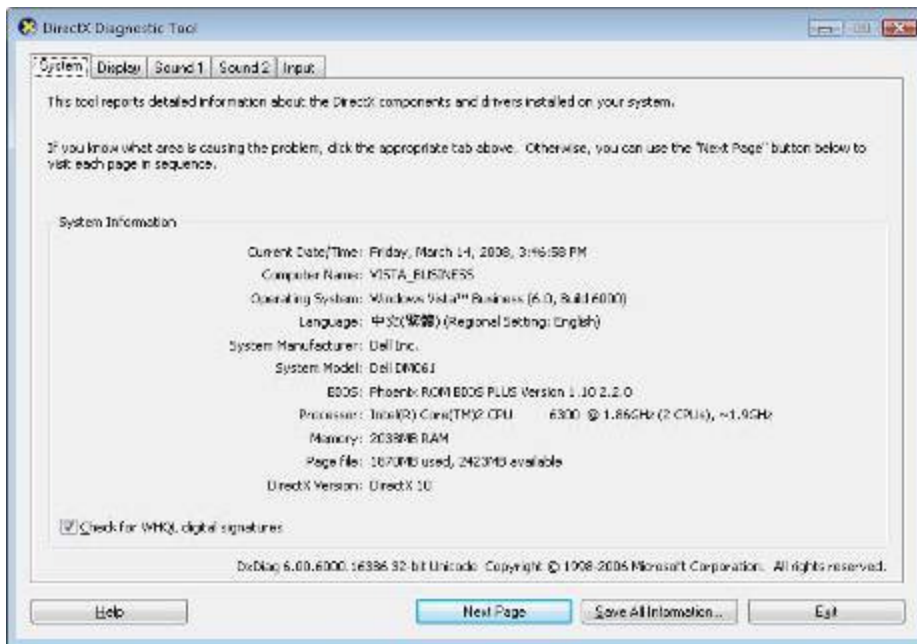
Problem 2.

The camera can be connected, but there is no video.

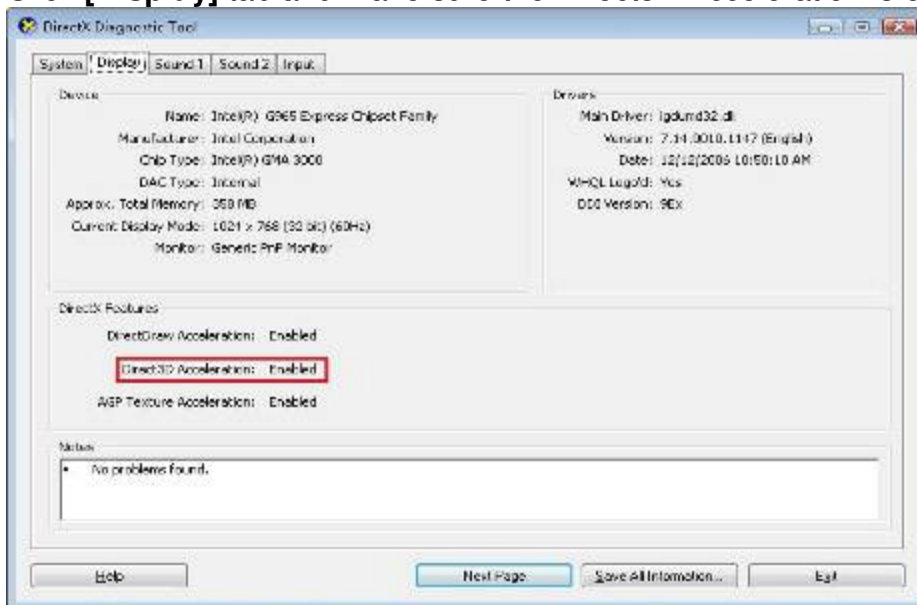
Solution:

- Make sure the video source is correctly connected to the server.
- Check whether the camera is enabled. Refer to remote server setting.
- Make sure DirectX version 9.0c or above has been installed in your computer and Direct 3D acceleration is enabled. To check whether Direct 3D acceleration is enabled or not, go to **[Start]** ->start **cmd.exe**->enter "dxdiag", **{DirectX Diagnostic Tool}** dialog box will display.





Click **[Display]** tab and make sure the Direct3D Acceleration is enabled.



Try to install the latest version of display card driver and Direct X.

Problem 3.

How can I go back to sureREC V3 main windows form when I am in full screen mode?

Solution:

- Click **[Esc]** button to go back to video viewer windows form

Problem 4.

I cannot import a file to the system

Solution:

- Make sure you do not change the format of the import file

- Make sure the camera you want to import into the system does not have the same name or serial number as any camera that already exists.
- Make sure the registration code is correct.

Problem 5.

I have installed microphone at PC, but cannot perform Public Addressing.

Solution:

- Try to P.A .with a pre-recorded wave file, if it is successful:
- Check carefully whether the microphone is plugged into the correct jack and is turned on.
- Make sure the microphone input is enabled in Windows **[Control Panel]** -> **[Sound]** -> **[Recording]**
- Try to increase the sound level and use the boost **[Control Panel]** -> **[Sound]** -> **[Recording]** -> **[microphone]** -> **[Properties]**
- Try to restart the Video Viewer
- If pre-recorded wave file also cannot be played:
- Check whether the speaker is connected to the server correctly
- Make sure the speaker has been powered on

Problem 6.

Audio Reception does not work.

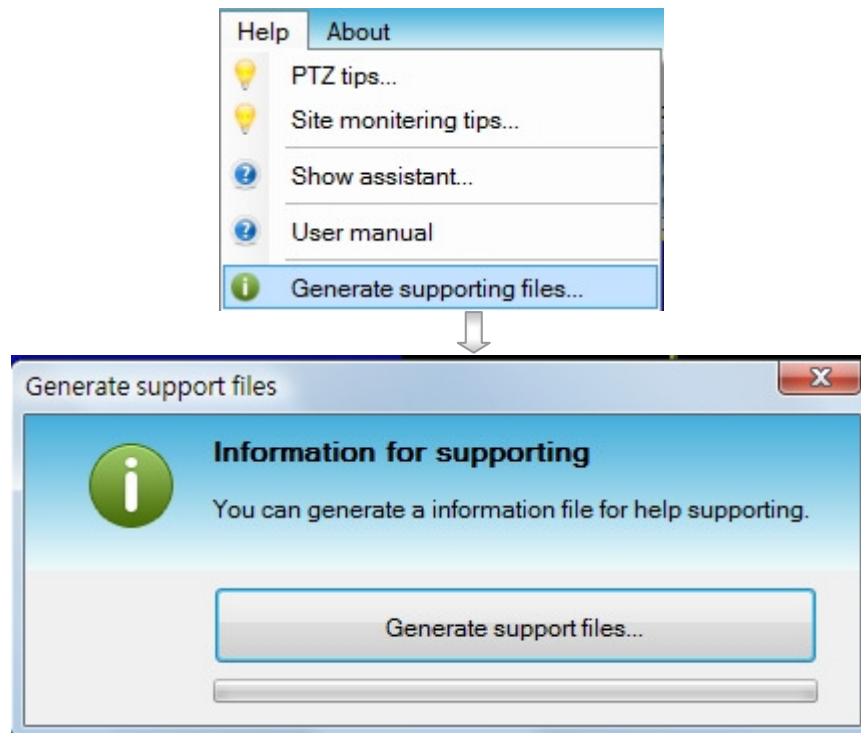
Solution:

- Make sure the **[Audio]** button is clicked on, correct channel is selected and it is not muted in Audio Reception panel
- Check whether the microphone is supported by the server (amplifier may be needed)

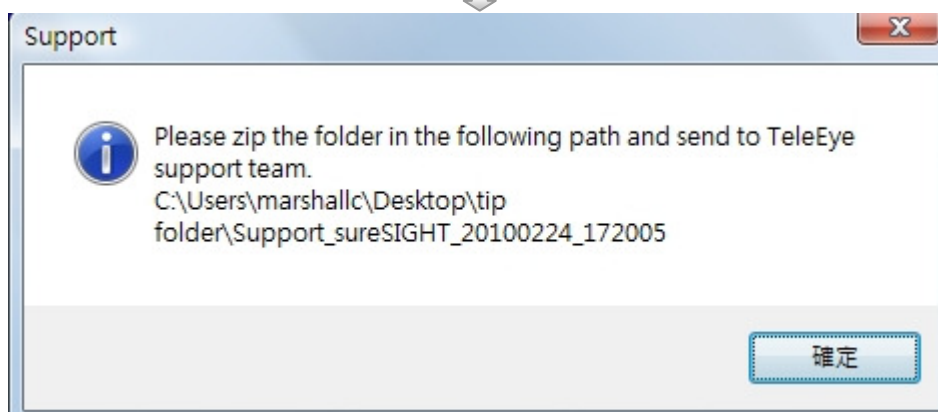
24.4. Generate support files

If critical problem happened, sureSIGHT provides a **[Generate support files]** function for you to generate an error report for further supporting help.

You can access this function from **[Help]->[Generate support files...]**



Clicking **[generate support file]** button and choose a path to store the file.



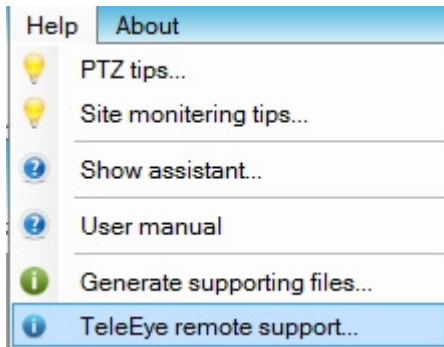
Waiting for the files generation completed, finally a message box will show the file path.

24.5. TeleEye remote support

TeleEye remote support use remote desktop control technology to support client users. Our technicians will control your computer remotely to realize the problem.

If you have critical problem of sureSIGHT, you may contact our support team. You can also dump the screen of {TeleEye remote support}, and send it to our support team by email support@TeleEye.com.

Select [**Help**] -> [**TeleEye Remote supporting...**] to go to *TeleEye* remote support page.



Dump the screen below:

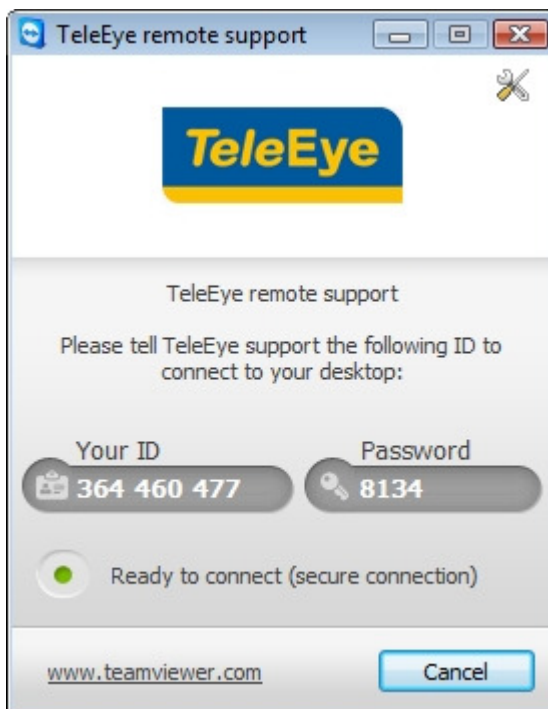


Figure 24-1 screen dump of *TeleEye* remote support

25. Appendix

In this section, you will learn the followings:

- sureLINK technology
- Transmitter Modification

- TeleEye Rx with tamper circuit and External Resistor
- Security mode
- Shortcut keys

25.1. sureLINK technology

sureLINK technology is available in **TeleEye RX**, which enables you to connect to the transmitter with broadband dynamic IP Internet connection. If you can only use broadband dial-up account to connect to the Internet through your computer, **sureLINK** provides a solution for sharing the Internet connection between your computer and the transmitter.

sureLINK is a group of additional functions, services and software provided for the transmitter so as to make it to connect to the Internet in any connection methods. Such function can only be used if you have applied for this service. After you have done so, you also need to configure the transmitter to make **sureLINK** available. This section will help you to configure and use it.

By using of **sureLINK** technology, the powerful **TeleEye RX** can work on broadband Internet economically, a cost effective and convenient remote live video monitoring anytime and anywhere.

- **sureLINK Address**

You can apply for a **sureLINK** address (domain name), such as *www.hkpublic.teleeye.teleeye.net*, for your transmitter. You can use this name to login or browse the built-in web server **. One of the advantages is that you are not required to memorize the IP address (e.g. *210.177.50.156*) of the transmitter. Since the **sureLINK** address is fixed while the IP address may change periodically (in case when dynamic IP is used), you do not need to worry about the expiration of the IP address. The **sureLINK** address can also be used in transmitter web browsing to see live video on standard web browser (e.g. IE, Netscape).

- **Refreshing Rate**

When **sureLINK** address feature is enabled, the transmitter will periodically update its current IP address to our database to ensure that the **sureLINK** address is always forwarded to a valid IP. You can set this update period through OSD menu.







- **DNS Services:**

Assigned when the transmitter can directly access the Internet without the help of **TeleEye** Proxy Server

** : This function will be supported in **TeleEye RX** transmitter version 2.00.00 or later

How to apply for **sureLINK** Address

You can apply for **sureLINK** by visiting our web site at <http://www.TeleEye.com>

<p>▼ What's New?</p> <p>Experience TeleEye iView for iPhone on YouTube</p> <p>Launch High Definition Video Surveillance Solution</p> <p>Launch sureSIGHT Integrated Video Management Solution</p>	<p>Wider View More Details</p> <p>MX823-HD MX833-HD MX873-HD HD CCTV Camera more >></p> 	<p>TeleEye iView for iPhone on YouTube</p> <p>Experience TeleEye iView for iPhone Video Monitoring on our YouTube Channel more >></p> 
	<p>Double Recording Frame Rate & 4TB Recording Capacity</p> <p>RX360 RX320 Video Recording Servers more >></p> 	<p>60% Longer Recording Time Than Other MPEG-4 DVRs with DVD writer</p> <p>RA304 RA308 RA316 Digital Video Recorders more >></p> 
	<p>HD SMAC-M Multi-stream HD Video Coder</p> <p>The world's first multi-stream coder for HD video, better compression performance than H.264 & MPEG 4 more >></p> 	<p>TeleEye sureREC Video Recording Software</p> <p>sureREC and sureSIGHT form a complete video recording & management solution more >></p> 
<p>▼ Upcoming Events</p> <p>IFSEC India 2010 : 23 - 25 Nov 2010; E21 Bombay Exhibition Centre, Goregaon East, Mumbai, India</p> <p>INTERSEC 2011: 16-18 Jan 2011; Hall 4, 103C, Dubai International Convention and Exhibition Centre Dubai, UAE</p> <p>IFSEC UK 2011: 16-19 May 2011; Hall 4, G10, National Exhibition Centre, Birmingham, UK</p>		

[Customer Login](#)

Step 1. Click **[Customer Login]**

New user? [Sign up here! >>](#)

Registered user:

Login ID:

Password:

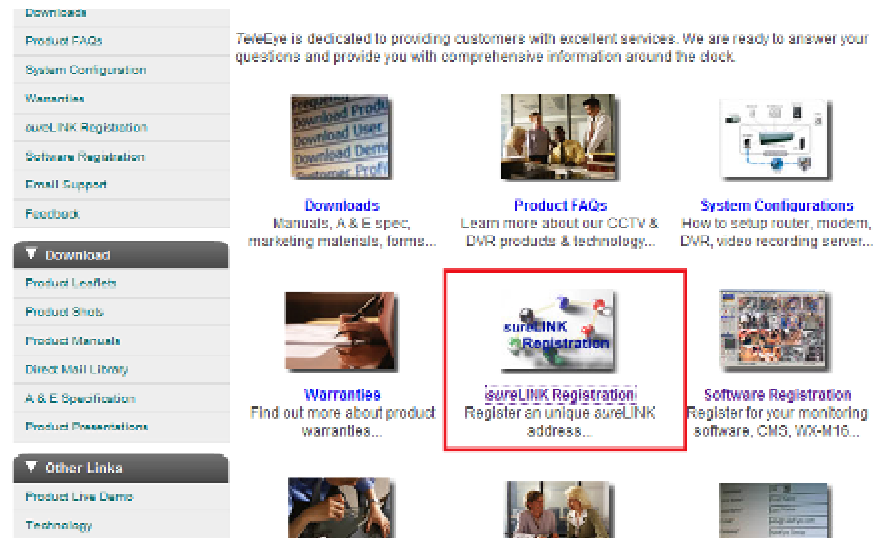
[Login](#)

Forget password? Click [here](#) to retrieve your login password.

Step 2. Sign up to create your user account

Step 3. Login the page using your registered name and password.

Step 4. Click *sureLINK* Address Registration button



Step 5. Sign up with the user account

sureLINK is our proprietary technology which facilitates RX and NX devices for Internet connection coming with dynamic IP addressing. The sureLINK service is free of charge for the first year and the annual service fee is US\$19 for the subsequent years.

(1) [sureLINK Address Registration >>](#)
Register an unique sureLINK address for your own RX or NX device.

(2) [NX Grouping for One sureLINK Fee >>](#)
Define a group of NX devices within one premises, that connects to the Internet with one Internet connection. The annual service fee of US\$19 would be charged for one NX Group in the subsequent years, instead of individual NX devices. The sureLINK renewal date of a NX Group is the same as the earliest renewal date of the NX device within the Group.

(3) [Associated Device Modification >>](#)
Modify the registered RX or NX device of your sureLINK address

[Back](#)

Step 6. Enter a **sureLINK** address (**Domain Name**), your **Transmitter Serial No.** and **Registration Code** in the fields provided respectively. Then click the **Apply** button. The process is then completed.

sureLINK address is in the format of www.field1.field2.teleeye.net, whereas field1 and field2 are user-definable with up to 8 alphanumeric characters. Under normal circumstances, 24 to 48 hours are required for a newly registered sureLINK address becoming effective in the Internet world.

Details of the RX/NX/CX Device:

Model Series.:

Video Server Serial No.:

Registration Code:

sureLINK Address: www. . .TeleEye.net

[Register](#) [Back](#)

After we received your domain name registration for your transmitter, your application will be processed. Normally, it requires about 1 working day to activate **sureLINK** for your transmitter. You will receive a notification mail when your **sureLINK** service is ready.

25.2. Transmitter Modification

Since the **sureLINK** (Domain name) address corresponds to a single transmitter, if you change from one transmitter to another one, you have to inform us to update our database record. To do this, you can visit our **TeleEye** Product Support again and follow the steps below:

Step 1: Transmitter Modification > Select a **sureLINK** address (Domain Name) you want to modify

sureLINK is our proprietary technology which facilitates RX and NX devices for Internet connection coming with dynamic IP addressing. The *sureLINK* service is free of charge for the first year and the annual service fee is US\$19 for the subsequent years.

(1) [sureLINK Address Registration >>](#)

Register an unique *sureLINK* address for your own RX or NX device.

(2) [NX Grouping for One sureLINK Fee >>](#)

Define a group of NX devices within one premises, that connects to the Internet with one Internet connection. The annual service fee of US\$19 would be charged for one NX Group in the subsequent years, instead of individual NX devices. The *sureLINK* renewal date of a NX Group is the same as the earliest renewal date of the NX device within the Group.

(3) [Associated Device Modification >>](#)

Modify the registered RX or NX device of your *sureLINK* address

[Back](#)

Please select the following video servers for modification:

Registration Date	Expired Date	sureLINK Address	Serial No.	Modify?
23 Nov 2005	20 Feb 2008	www.hk3g630.teleeye.teleeye.net	VTC00001	Select

Number of Registered Video Server: 1

[Back](#)

Step 2: Enter the **Old Registration Code**, **New Transmitter Serial Number** and **New Registration Code** at each field provided. Click **[Modify]** button to submit the form.

Your registered *sureLINK* address and the associated *TeleEye* video server are as below:

Domain Name: www.hk3g630.teleeye.teleeye.net
Video Serer Serial No.: VTC00001

To switch your registered *sureLINK* Address from the current associated *TeleEye* video server to another, please enter the registration code of the original *TeleEye* video server and the serial number & registration code of the new *TeleEye* video server.

Old Registration Code:
New Video Server Model Series: CX
New Video Server Serial No.:
New Registration Code:
[Modify](#)

If the above procedure is completed successfully, the **sureLINK** will be effective immediately.

25.3. TeleEye RX with Tamper Circuit and External

sureSIGHT Lite/Business

Resistor

TeleEye RX supports tamper detection (DEOL and SEOL) on all alarm inputs, arm/disarm input, security switch input, system tamper and power failure input.

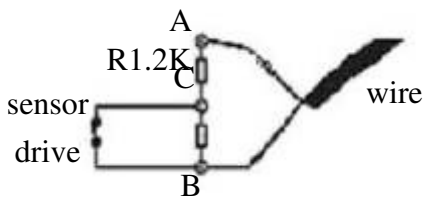
DEOL : Dual End of Line termination with NC and NO connection

SEOL : Single End of Line termination with NC and NO connection

NC/NO : Alarm and other input ports without tamper detection circuit connection

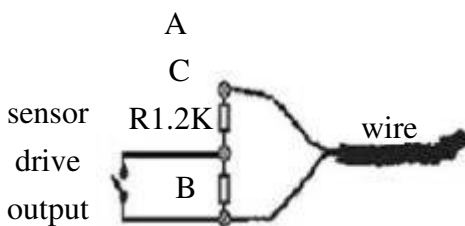
For example, by connecting the tamper circuit with DEOL, the circuit with the normal closed condition if the resistance between point A and B detect 1.2kΩ (shown as below), or the circuit with the normal open condition if the resistance between point A and B (shown as below) detect 7.2kΩ. The resistance transition from 1.2kΩ to 7.2kΩ is generated an alarm tamper event for normal close circuit. The setup configuration of those alarms and input ports are shown in the following diagram. The circuit denouncing time between each sensor is 20 millisecond.

Dual End of Line Configuration



Normal Close (NC)

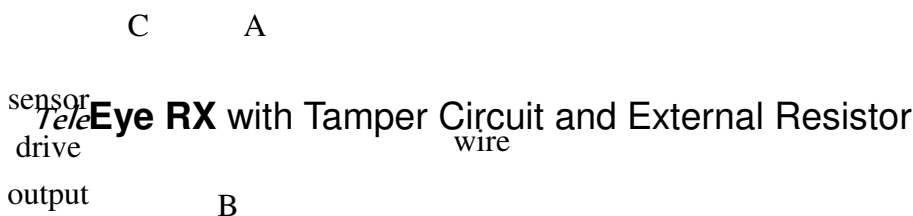
Term	Status	Description
S/C	TAMPER	Wire short (point A and B)
LoZ	NORMAL	Sensor drive output close (point B and C)
HiZ	ALARM	Sensor drive output open (point B and C)
O/C	TAMPER	Wire open (point A and B)



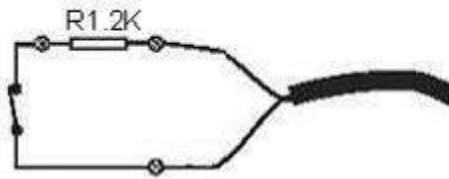
Normal Open (NO)

Term	Status	Description
S/C	TAMPER	Wire short (point A and B)
LoZ	ALARM	Sensor drive output close (point B and C)
HiZ	NORMAL	Sensor drive output open (point B and C)
O/C	TAMPER	Wire open (point A and B)

Single End of Line Configuration

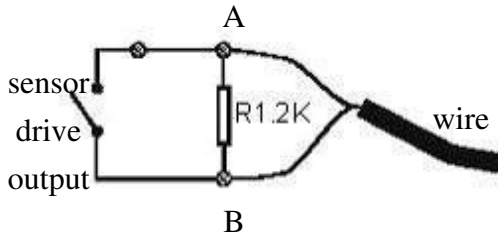


TeleEye RX with Tamper Circuit and External Resistor



Normal Close (NC)

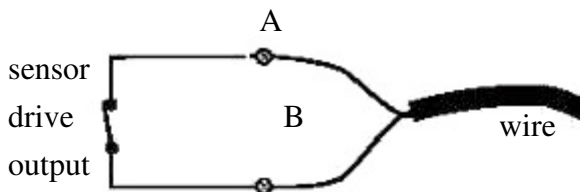
Term	Status	Description
S/C	TAMPER	Wire short (point A and B)
LoZ	NORMAL	Sensor drive output close (point B and C)
O/C	ALARM	Sensor drive output open (point B and C)



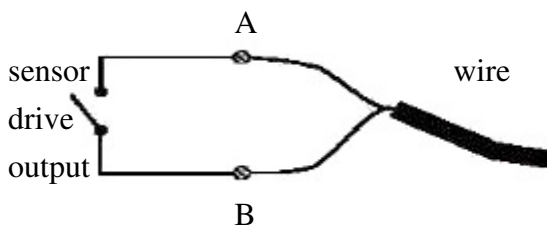
Normal Open (NO)

Term	Status	Description
S/C	ALARM	Sensor drive output close (point A and B)
LoZ	NORMAL	Sensor drive output open (point A and B)
O/C	TAMPER	Wire open (point A and B)

Without Tamper Detection Circuit Configuration



Term	Status	Description
S/C	NORMAL	Sensor drive output close (point A and B)
O/C	ALARM	Sensor drive output open (point A and B)



Normal Open (NO)

Term	Status	Description
S/C	ALARM	Sensor drive output close (point A and B)
O/C	NORMAL	Sensor drive output open (point A and B)

LEGEND	
NO	Normally Open Alarm
NC	Normally Closed Alarm
O/C	Open Circuit

S/C	Short Circuit
LoZ	Low Impedance
HiZ	High Impedance

The below table shows the summary between the resistance network and the condition result. **Note that this table is used as a reference. There may be a 10% tolerance for the resistance value in the below table.**

Resistance (Ω)				
Condition	0~400	401~2780	2781~29.5k	29.5k~Infinity
DEOL (Normal Close)	Tamper Short	Normal (Close)	Alarm (Open)	Tamper Open
DEOL (Normal Open)	Tamper Short	Alarm (Close)	Normal (Open)	Tamper Open
SEOL (Normal Close)	Tamper Short	Normal (Close)	Alarm (N/A)	Alarm (Open)
SEOL (Normal Open)	Alarm (Close)	Normal (Open)	Alarm (N/A)	Tamper Open
NC without tamper	Normal (Close)	Alarm (N/A)	Alarm (N/A)	Alarm (Open)
NO without tamper	Alarm (Close)	Alarm (N/A)	Alarm (N/A)	Normal (Open)

Alarm (N/A): Alarm with not applicable.

25.4. Security mode

On RX360 series, there are 2 security modes: BASIC and ADVANCED security mode.

Basic security mode

- 2 user accounts (Administrator and normal user. User account can only be applied to remote software)
- 2 access right level (Either can or cannot change settings with remote software)

Advanced security mode

- 20 definable user accounts**
- Different access right between each user account (User account can only be applied to local OSD and remote software)
- Password encryption in network transmission.
- 6 concurrent users in advanced security mode.

Advanced security mode -- User account

18 normal user accounts and 2 special defined user accounts ('ADMINISTRATOR'

TeleEye RX with Tamper Circuit and External Resistor

and 'DEFAULT LOCAL USER') in RX

Account structure

Type	Description	Remark
General setting		
User name	Login user name from remote software	4-16 characters Case non-sensitive Unique between each account
Account type	LOCAL / REMOTE / BOTH	Allow user to login from local OSD / remote software / both
Access right	Access right of the user account	(Access right)
Remote account type setting		
Remote password	Login password from remote software	4-10 characters Case non-sensitive
Local account type setting		
Local password	Login password from local OSD menu	4-10 characters (ONLY numeric character available) Unique between each account
Local time out	Automatic log-out time period when keypad ideal	Except in playback state

Special defined accounts

ADMINISTRATOR

Type	Default	Remark
User name	ADMINISTRATOR	FIXED
Account type	BOTH	FIXED
Access right	ALL	FIXED
Remote password	000000	Available to change
Local password	111111	Available to change
Local time out	No time out	Available to change

DEFAULT LOCAL USER**

Type	Default	Remark
User name	DEFAULT USER	FIXED
Account type	LOCAL	FIXED
Access right	NONE	Available to change
Remote password	-- NIL --	FIXED
Local password	-- NIL --	FIXED
Local time out	No time out	FIXED

** This is a local default user account. Local OSD will be login as this account automatically at RX startup, or when user logout in local OSD.

Advanced security mode -- Access right

Group	Features Involved
VIDEO MONITORING#	Basic video monitoring with fixed cameras Browsing the event status**
AUDIO MONITORING and PA	Audio monitoring** P.A. with microphone, P.A. with pre-recorded voice clips
PLAYBACK	Video playback** Browsing event logs , connection log, setting log and operation log
CAMERA CONTROL	PTZ**
EVENT CTRL	Clear event
SWITCH CONTROL	Switch control
{All video monitoring}, {audio monitoring} & {playback} access right group will be enabled	
VIDEO BACKUP	Video extraction and backup
RECORDING	Start/stop recording Start/stop schedule recording
SYSTEM SETTING	Video format, camera installation, throughput control setting Change live video quality, brightness, contrast Network and modem setting Data/time setting Hard-disk formatting Recording setting Switch setting

	Event setting Firmware upgrade Shutdown/restart Setting import/export
All access right group will be enabled	
USER ACCOUNT	User account setting Switch transmitter security mode Restore factory setting

At least one camera must be selected

** Video monitoring dependence. For example, if a user does not has access right on camera 2 monitoring, he/she will not be able to browse event status, control PTZ and playback on this camera.

25.5. Shortcut Keys

Key	Action
Esc	To change all the full screen windows to main windows (Restore windows)
F5	Go to live view
F6	Go to playback view
F10	To change the live video to full screen windows