Panasonic

# Panasonic Security System Configuration Tool (PSSCT)

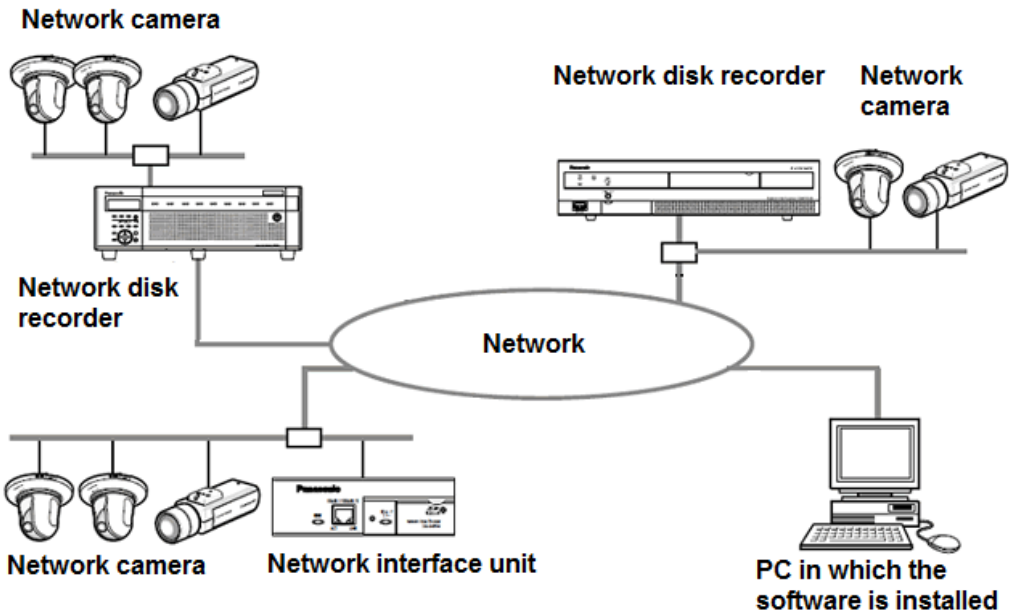
## Operating Instructions

Before attempting to connect or operate this product, please read these instructions carefully and save this manual for future use.
No model number suffix is shown in this Operating Instructions.

# Preface

Panasonic Security System Configuration Tool (PSSCT) is the software that is designed to configure the settings of network disk recorders, network interface units (encoders) and network cameras using a PC via a network.
**This software is assumed to be used by system design and network management experts.**
Refer to the provided “Available function list for each compatible device” (PDF file) about the compatible devices.

# System configuration diagram



# About these operating instructions

These operating instructions provide instructions of how to install this software and of how to configure the settings of each devices using this software.
The descriptions in the following pages are based on the assumption that Microsoft® Windows® 7 Professional runs on a PC.
Operation windows may not be the same as those appearing on the pages when a different OS is used or different settings are applied.
When using other OS, refer to the operating instructions of the respective OS.

# System requirements for a PC

It is recommended to install this software on a PC that meets the following system requirements.

Note:

- Microsoft® .NET Framework 4.6 is required to run this software.

| | |
|---|---|
| OS*1 | Microsoft® Windows® 10 Pro (32-bit) *3<br>Microsoft® Windows® 10 Pro (64-bit) *2, *3<br>Microsoft® Windows® 8.1 Pro (32-bit)<br>Microsoft® Windows® 8.1 Pro (64-bit)*2<br>Microsoft® Windows® 7 Professional SP1 (32-bit)<br>Microsoft® Windows® 7 Professional SP1 (64-bit)*2 |
| CPU | Intel® Core™ i5 2.5 GHz or faster |
| Memory | 1 GB or more |
| Required hard disk space | 50 MB of disk space is necessary for installation of this software.<br>Microsoft® .NET Framework 4.6 and Microsoft® Visual C++ Redistributable Packages for Visual Studio 2013 are required to run this software. When they are not installed on a PC, additional 4.5 GB of disk space is necessary for installation. |
| Monitor | 1280 x 800 pixels or more<br>24-bit True color or better |
| Network interface | 10/100 Mbps Network interface card must be installed*4. |

*1: This software is designed based on the default style or the font size of Microsoft® Windows® 7, Microsoft® Windows® 8.1 and Microsoft® Windows® 10. It is not recommended to change the display style or the font size smaller-100% from the default. When the display style or the font size is changed from the default, it may be possible that the layout of this software collapses. If this software is not displayed correctly, change the font size to Small-100%.

*2: The network settings on the PC must meet those of the network environment where the PC is connected.

*3: Supports “Desktop Mode” only.

*4: Operates in WOW64 (32-bit mode).

Important:

- This software must be installed or started by an administrator of the PC. Otherwise, any problems will not be covered by the warranty.
- Do not use other applications, especially heavy load types, while this software is running. Otherwise, the CPU overload and the shortage of resources will cause malfunction and insufficient performance. In order to avoid the conflict, please do not launch at the same time with the following software.
  EasyIpSetup (included Camera’s CD-ROM)
  WV-ASM100, WV-ASM200, WV-ASM300
- Enter 1-byte alphanumeric characters for user names. If 2-byte characters are included, installation may fail.

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# Abbreviations

- These are descriptions of the basic terms used in these operating instructions.
- Microsoft® Windows® 7 Professional SP1 (32-bit) and Microsoft® Windows® 7 Professional SP1 (64-bit) are described as Windows 7.
- Microsoft® Windows® 8.1 Pro (32-bit) and Microsoft® Windows® 8.1 Pro (64-bit) are described as Windows 8.1.
- Microsoft® Windows® 10 Pro (32-bit) and Microsoft® Windows® 10 Pro (64-bit) are described as Windows 10.

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# Network Security

As you will use this product connected to a network, your attention is called to the following security risks.
(1) Leakage or theft of information through this product
(2) Use of this product for illegal operations by persons with malicious intent
(3) Interference with or stoppage of this product by persons with malicious intent
It is your responsibility to take precautions such as those described below to protect yourself against the above network security risks.

- Use this product in a network secured by a firewall, etc.
- If this product is connected to a network that includes PCs, make sure that the system is not infected by computer viruses or other malicious entities (using a regularly upgraded anti-virus program, anti-spyware program, etc.).
- Protect your network against unauthorized access by restricting users to those who log in with an authorized user name and password.
- Apply measures such as user authentication to protect your network against leakage or theft of information, including image data, authentication information (user names and passwords), alarm mail information, FTP server information.

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# Preparation

## Installation

Install this software by following the message in the dialog box.

Important:

- Do not edit, delete and move the files copied upon installation. Otherwise, this software may not work correctly.

**1** **Contact your dealer and download the software onto a PC.**

**2** **Double-click "setup.exe".**
The confirmation window will be displayed.

**3** **Click [OK] button.**
Follow the instructions of the wizard to complete the installation.
When starting installation after selecting the standard installation, a new folder will be created and the files of this software will be copied in the created folder.
(The directory path is "C:\Program Files\Panasonic\AdminConsole2" or “C:\Users\”User Name”\AppData\Local\Apps\Panasonic\AdminConsole2”.)
When the installation is completed, the program will be added to the "start" menu.

# Uninstallation

Uninstall this software as follows.

**1** **Click the "Programs and Features" icon in "Control Panel".**
The "Programs and Features" window will be displayed.

**2** **Select "Panasonic Security System Configuration Tool (PSSCT2)", and then click [Uninstall] button.**
Uninstall the program by following instructions.

# Connections

Connect PCs and devices.
Refer to the operating instructions of each device in use for how to connect them.

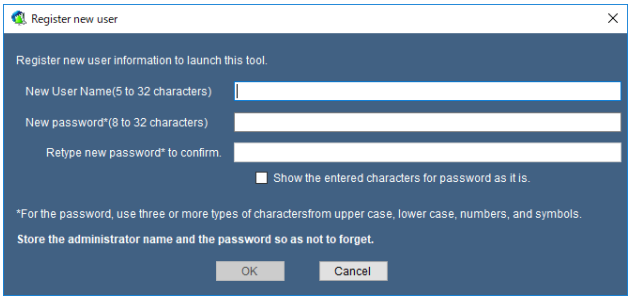
# Launch the software

Launch this software to configure the device settings after connecting a PC and devices. The following instructions begin from the screen displayed just after the PC is booted.

**1** **Select "PSSCT" from "start" menu ("Start" - "All Programs" - "Panasonic" - " Panasonic Security System Configuration Tool (PSSCT2)" - " Panasonic Security System Configuration Tool (PSSCT2)").**
This software will be launched, and then the login window will be displayed.

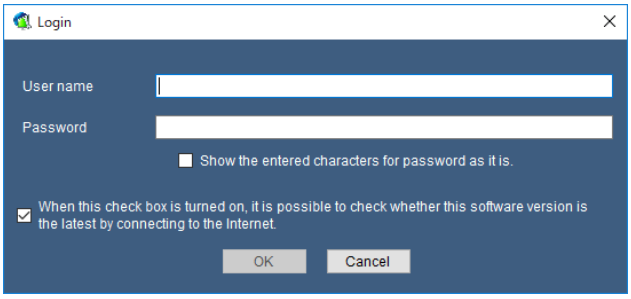
> Important:
> - Do not edit, delete and move the files copied upon installation. Otherwise, this software may not work correctly.

**2** **(2-1: When using this software for the first time) Initial user name and password settings.**
First of all, please set user name and password to use this software.




> Important:
> - Available "symbols" are as follows (common to both username and password field).
> ! # $ % ( ) * + , . / < > ? @ [ ] ^ _ ` { | } ~
> - The username and password set here are necessary for next startup of this software, so please keep it so as not to forget.

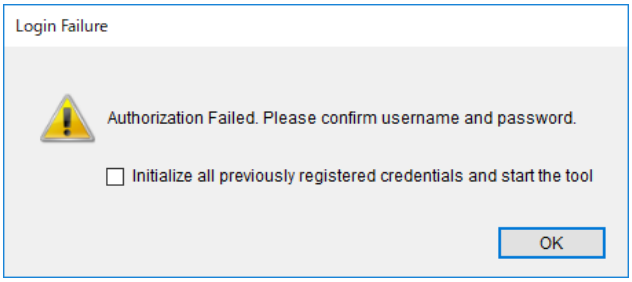
**(2-2: When using for the second time or more) Enter registered user name and password and press [OK] to launch.**
Enter the user name and password correctly in the initial startup (see step 2-1).




> Important:
> - To ensure the security, change from the default user name and password.
> It is also recommended to change them periodically.

If the login authentication fails three or more consecutive times, the option "Initialize all previously registered credentials and start the tool" is displayed. (see right figure)

If you cannot remember the authentication information, by checking this option and pressing [OK], you can recall the state after initial installation and execute step 2-1 again.

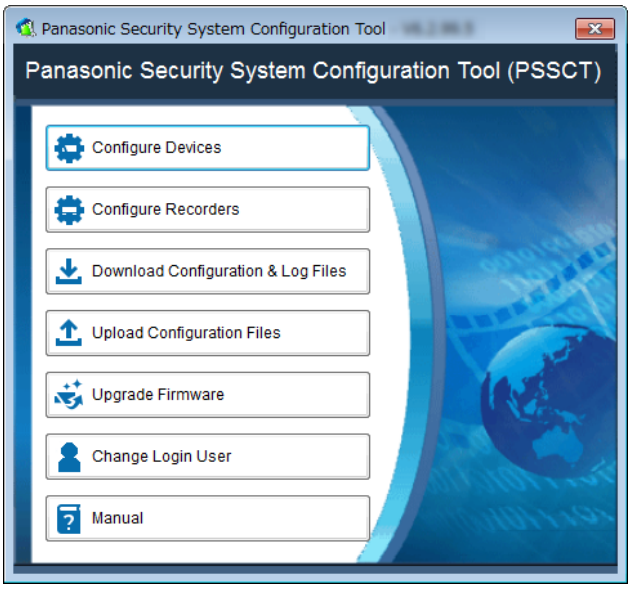



Important:

- In the case of initializing the activation authentication information by using this option, the "communication credential information with the device" held in this software is reset to the initial state after the software installation at the same time.
- If startup authentication has failed ten times consecutively, it will suspend the startup of this tool once for security. Please start again.

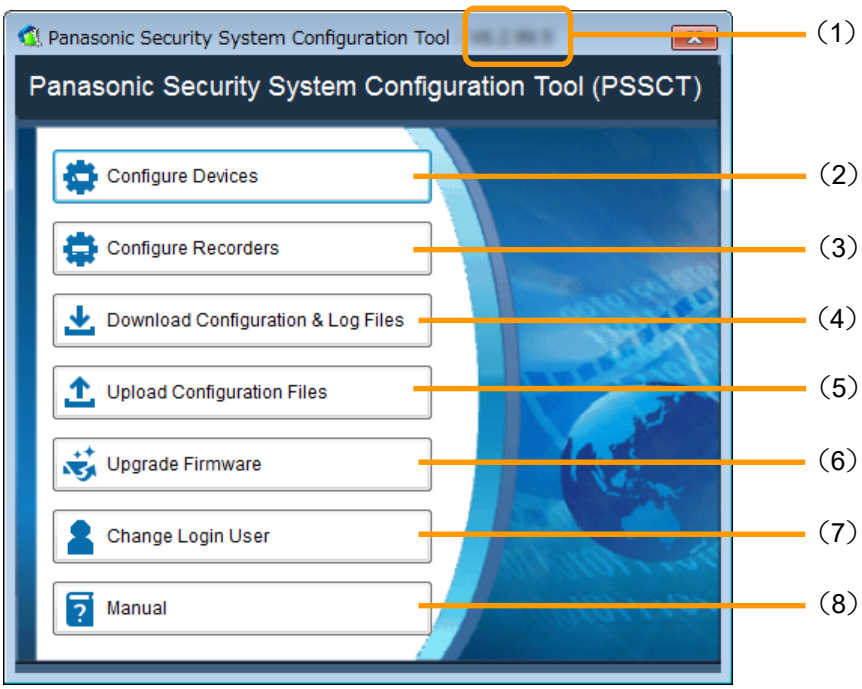
**3** **Click [OK] button.**

The top page of the software will be displayed. Start operation by selecting each menu item of this page. To quit operation of this software and exit, click [×] button at the top right of the setup page.



# About the top menu

The following page will be displayed after launching this software. Click each button to operate the respective functions.




| No. | Item | Description |
|---|---|---|
| (1) | Version | Version of this software. |
| (2) | Configure Devices | Assign IP address, Scene Selection Image Quality, Configure Devices and Send a CGI List. |
| (3) | Configure Recorders | To support creating and/or editing Recorder Configuration File function and converting Recorder Configuration File into text data function. |
| (4) | Download Configuration & Log Files | Download Configuration Files and Log Files from devices. |
| (5) | Upload Configuration Files | Upload Configuration Files to target devices. |
| (6) | Upgrade Firmware | Upgrade firmware of target devices. |
| (7) | Change Login User | Change the username and password for login this software. |
| (8) | Manual | This manual will be displayed. |

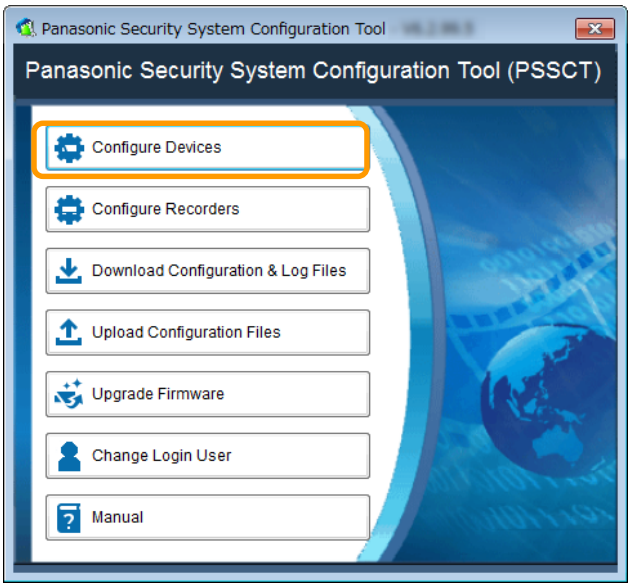
# Description

## Configure Devices

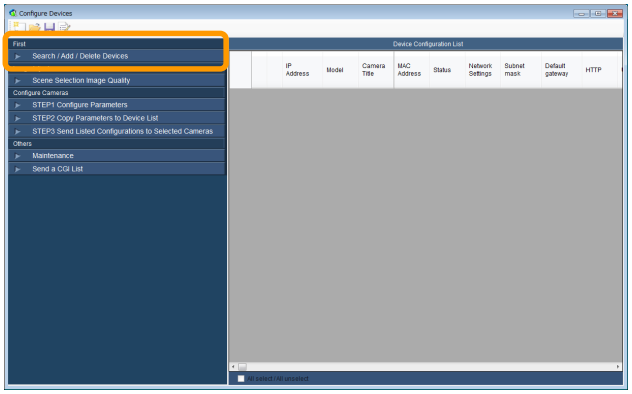
Important:

- The "Windows Security Alert" window may be displayed when this software is launched. In this case, click the "Unblock" button on the displayed "Windows Security Alert" window.
- For security enhancement, the MAC address and the IP address of the connected device will disappear configuration of the settings will become unavailable when 20 minutes have passed after turning on the power of it.
- Wait for a while until device configuration changes are completed.
- This software may fail to connect the device while the target device is in operation. In this case, please stop the operation of the device and try reconnecting.
- For detailed information of the setting item, please refer to the operating instructions of the each device.
- When saved device list file has been edited by other tools, it may fail to re-read.
- Do not access concurrently to the same device from multiple PCs using this software. Otherwise, device errors may occur.
- When using a firewall (including software), please make sure all of the UDP ports set allowed.

**1** **Click [Configure Devices] button.**
The selection page will be displayed.



## 2 <First>Detect / Add / Delete Devices




### "Create Device Configuration List" group

**[Detect]**

To detect devices on network to update Device Configuration List automatically. If some devices are failed to detect, please extend detect time, and then try again.

**[Add]**

Set the following items for added devices.

- Model name
- Range of IP address (Start, End)
- Credentials (User name / Password)
  (Credential of the login to access devices)
- Protocol (HTTP/HTTPS) and its port number

**[Del]**

The registered camera will be deleted from the device configuration list.

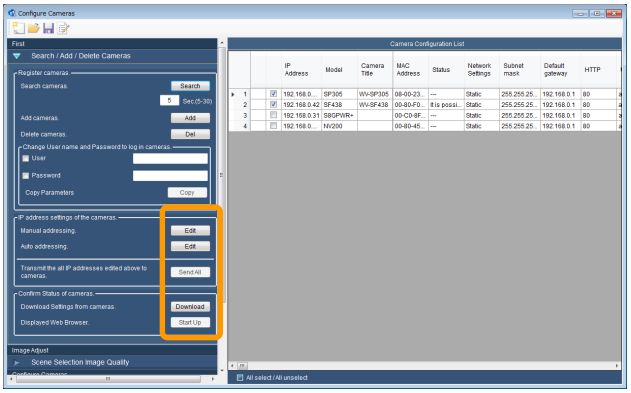
### "IP address settings" group

**[Edit]**

To edit settings of IP addresses menu will be displayed. Configure the Network setting according to your need.

**[Send All]**

IP addresses edited above procedure will be sent to the devices.



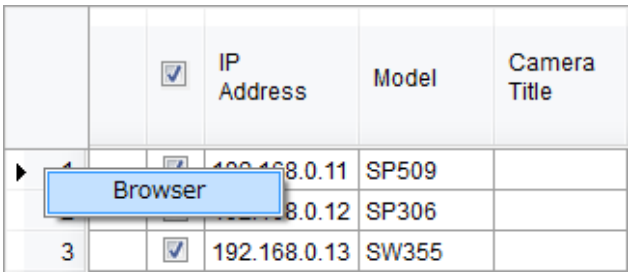

### "Confirm Status of devices" group

**[Download]**

To download current settings from connected devices and update on Device Configuration List.

**[Start Up]**

To access the checked device via web browser. Alternatively, it is possible to start web browser by right-clicking and select [Browser] menu on target device in the Device Configuration List.



**Note:**

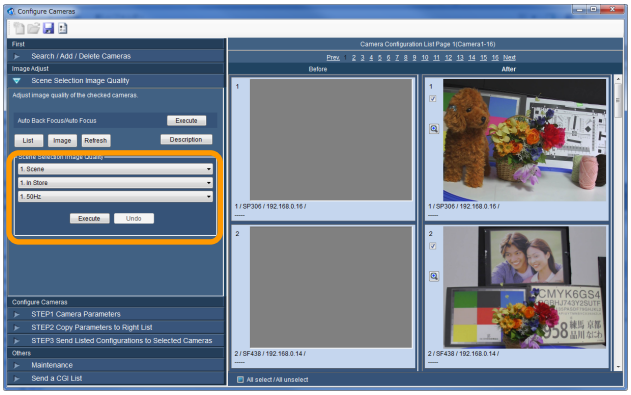
- In case of device detection failure;

(1) Reboot devices.
(2) Confirm the power supply, the connection to the network switch and start-up.
(3) Click [Search] button again.

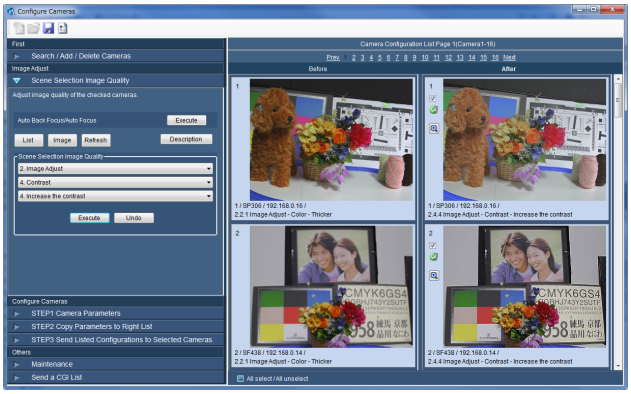
## 3 <Image Adjust>Scene Selection Image Quality

Configure the settings relating to image quality from the following.

- The image of the location where the camera is in use (Scene Selection).
- The image being monitored (Image Adjust).



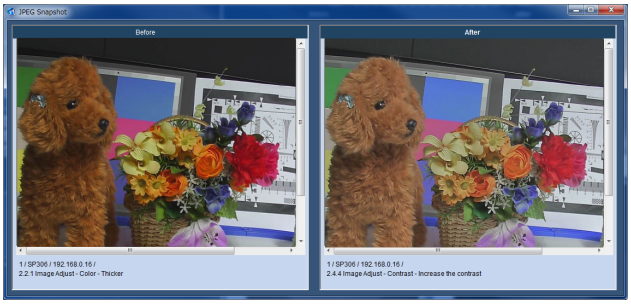
[Execute] / [Undo]
Selected cameras configuration changes will start.
When configuration changes are completed,
“Before-After (Result)” images will be shown.

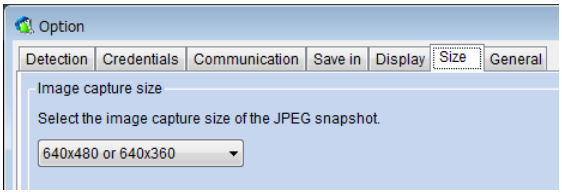


[Magnifying glass] icon
Selected camera images will be enlarged.

**Note:**

JPEG snapshot size is selectable by [Option] - [Size] setting menu.

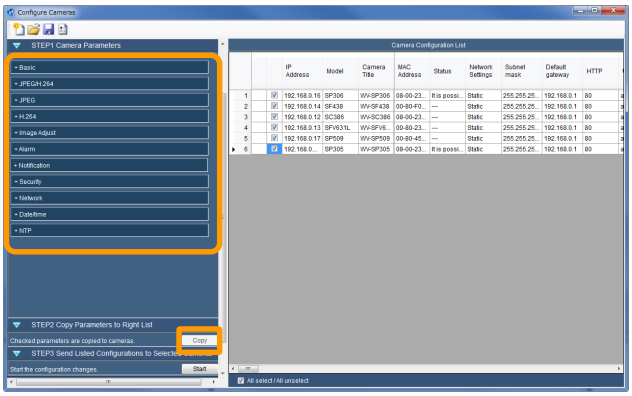




## 4 [Configure Cameras]

**STEP1 Configure Parameters.**

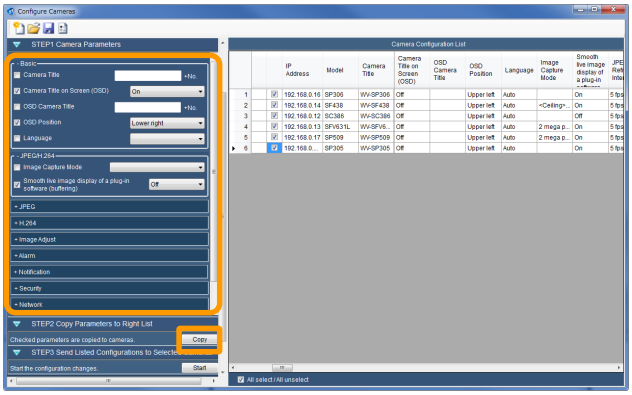
When these menu labels are clicked, the selected menu will be displayed in this area.




## 5 [Configure Cameras]

**STEP2 Copy Parameters to Device List.**

When [Copy] button is clicked, checked parameters are copied to checked cameras on Device Configuration List. Copied parameters shown by bold fonts.




**Note:**

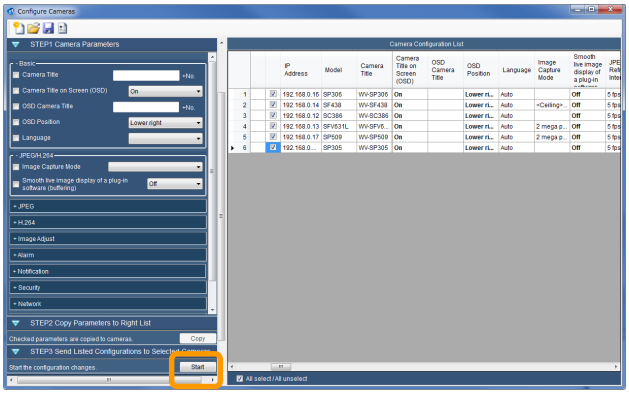
- When failed copy parameters copy failed to the list, display a message window. Correct the items according to the message.
- Refer to the operating instructions of the device in use for information about each setting item.
- When the Super Dynamic is set to On for WV-X4170, WV-X4171 and WV-X4571L series, the wide dynamic range is set to On.

## 6 [Configure Cameras]

**STEP3 Send Listed Configurations to Selected Cameras.**

When [Start] button is clicked, selected cameras configuration changes will start. Wait for a while.

When configuration changes are completed, a dialog box will be displayed.

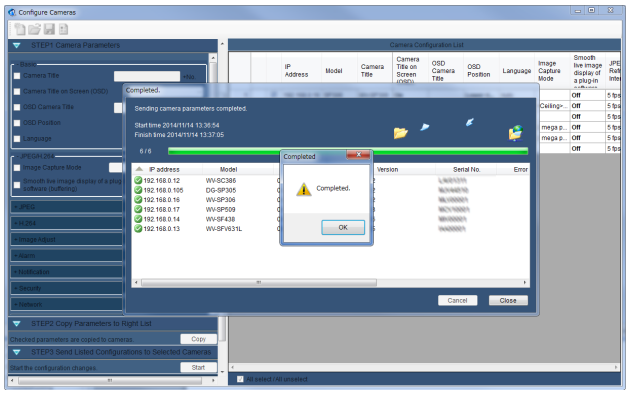


**Note:**

- Depending on the combination of items to be set, all settings may not be accepted by the camera with one transmission. In this case, please send the settings again.

## 7 Complete the upload.

Click [OK] button.



**Note:**

- Camera configuration files and setup report will be saved automatically. The location will be changed by [Options] menu.
- The saved settings (Camera Parameters) can be opened by clicking [Open] button.
- Click [Save] button to save the settings of Camera Parameters.

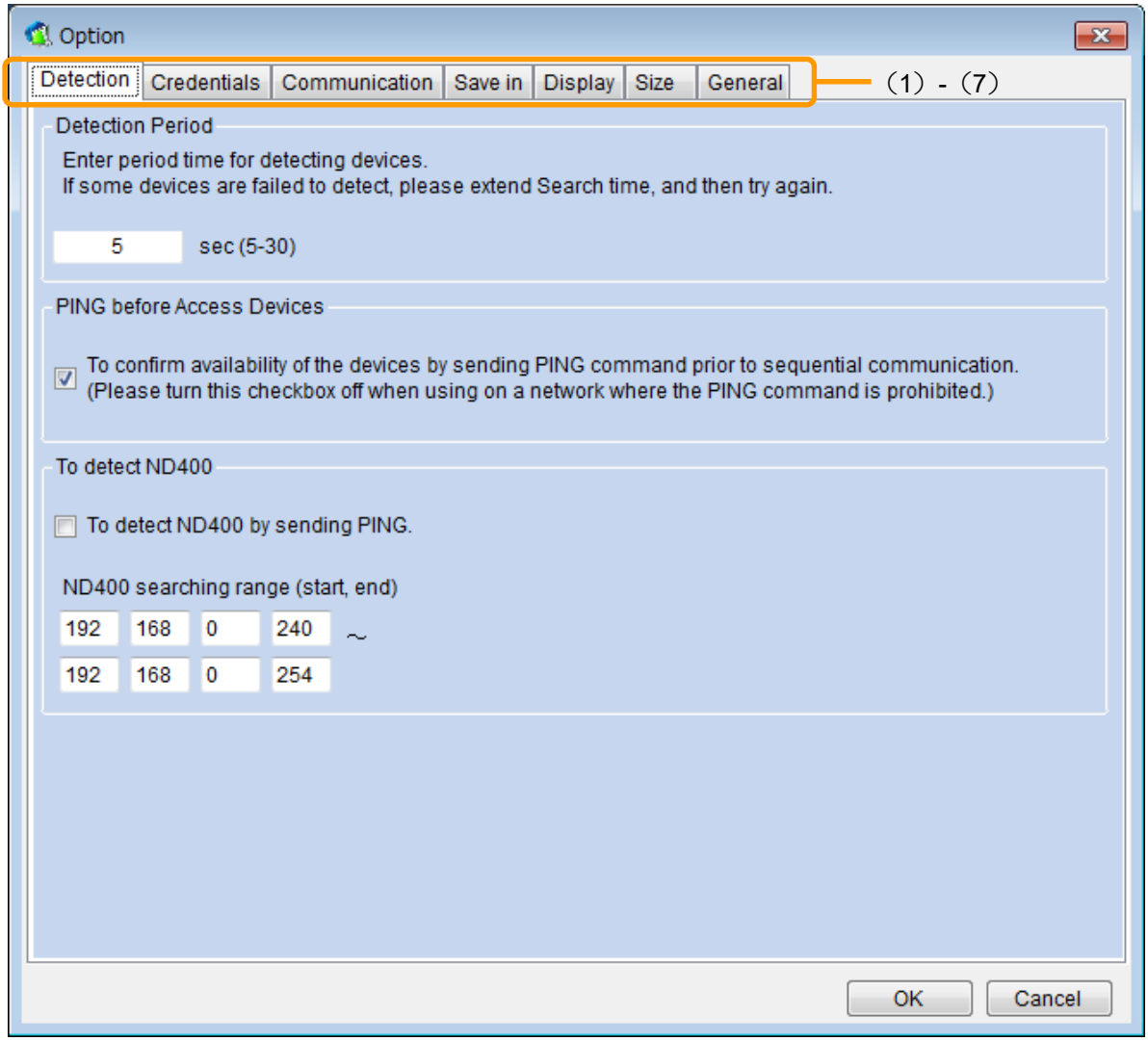
**Note:**

- By pressing the "download setting and log acquisition" icon ( ) after selecting the target devices on the "Device List", you can acquire the setting data, the log and the captured still image of the target devices.
- By pressing the "Send CGI list" icon ( ) after selecting the target devices on the "Device List", you can send the pre-edited CGI list to the target devices. For the “CGI list” sample file, please refer to “sample.txt” in package.
- By pressing the "Upgrade Software" icon ( ) after creating the target devices on the "Device List", you can launch the "Upgrade Software" function with inheriting the device information in the “Device list”.
- By pressing the "Image View Reporting Wizard" icon ( ) after selecting the target cameras on the "Device List", you can automatically acquire the current image from target cameras and generate the "Image View Report". (XPS format [*. xps] and/or Excel 2010 or later compatible format [*. xlsx]).
- About using the XPS format: If you install Windows 10 version 1803 or later on a new device (or as a clean installation), you may need to install XPS Viewer from Apps and Features in the Settings app or through Features on Demand. For detail, please refer to Microsoft official support page.

# Meaning of Icons

| Item | Description | |
|---|---|---|
| Common to Communications | | Waiting order to start communication with target device. |
| | | Communication with target device is in progress. |
| | | Communication with the target device successfully. |
| | | Communication with the target device failed. |
| Administrator Registration Status | | Administrator is already registered devices. |
| | | Administrator is not registered devices. |
| | | Administrator state unknown devices.<br>(Uncommunicated device) |
| Configure Cameras | | Successfully set the target camera. |
| | | There were items not accepted by the target camera in the settings.<br>(Please check the compatibility of the target camera model and firmware.) |
| Maintenance | | Maintenance setting and/or transmission of the CGI list<br>to the target device successfully. |
| Failover | | The operation is currently running in the failover mode. |
| Communication Status | | Devices under HTTPS communication status.<br>(There is no icon for HTTP communication status) |

# Option page

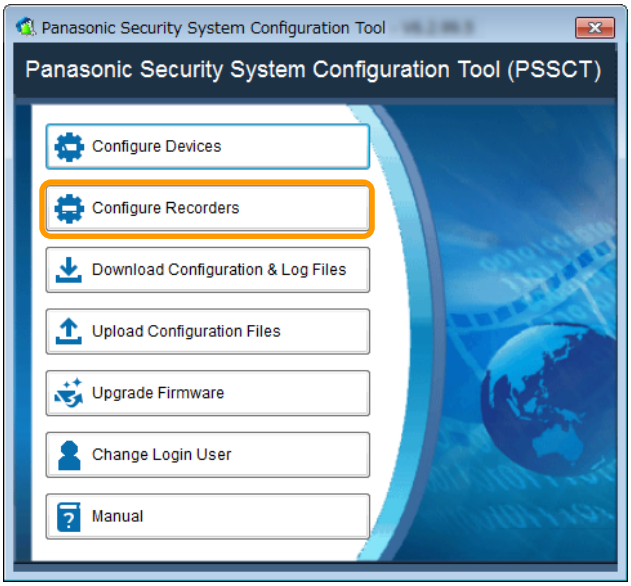



| No. | Item | Description |
|---|---|---|
| (1) | Detection | • Period of “Detection time” to detect devices<br>• Control for “PING before access devices”<br>• Configuration of ND400 detection |
| (2) | Credentials | Credential of login to each device.<br>(“User name” and “Password” for Administrators of related devices.) |
| (3) | Communication | • Number of Operations<br>In case of failure to communicate devices for the reason of luck of bandwidth, decrease this number.<br>• Network Adapter Selection |
| (4) | Save | Select a location to save download camera configuration files and change report. |
| (5) | Display | Select items to display on Camera Configuration List. |
| (6) | Size | JPEG snapshot acquisition / input field for Image View Report cover settings. |
| (7) | General | • Language Settings. (Settings will be reflected after the next startup.)<br>• Browser Selection |

# Configure Recorders

**1** **Display the top page, and then click [Configure Recorders].**

The "Configure Recorders" page will be displayed.




**2** **Choose the function**

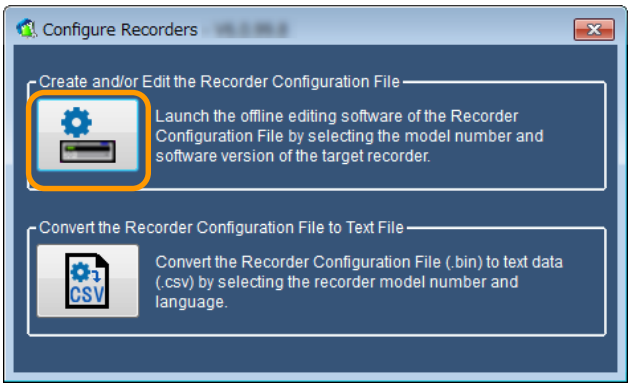
- **"Create and / or Edit the Recorder Configuration File"**

  Press icon and select the model number and the version of target recorder to launch the offline editing software of the Recorder Configuration File.

  [Supported Recorders]

  NX400/NX300/NX200, NV300, ND400, HD716/HD616

Refer to the operating instructions of the device in use for information about each setting item.

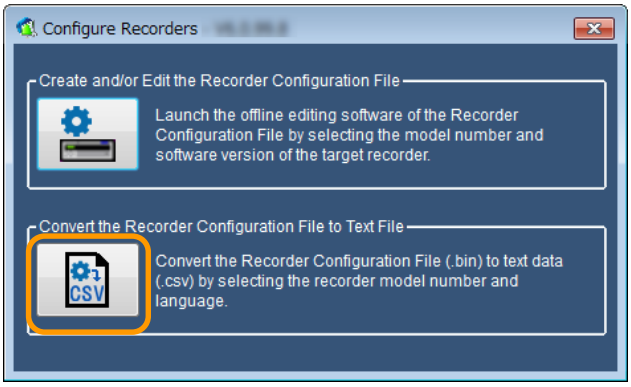



- **"Convert the Recorder Configuration File to Text File"**

  To convert Recorder Configuration File (*.bin) into text (*.csv) by press icon, selecting Model and Language, target file (*.bin) and press [OK].

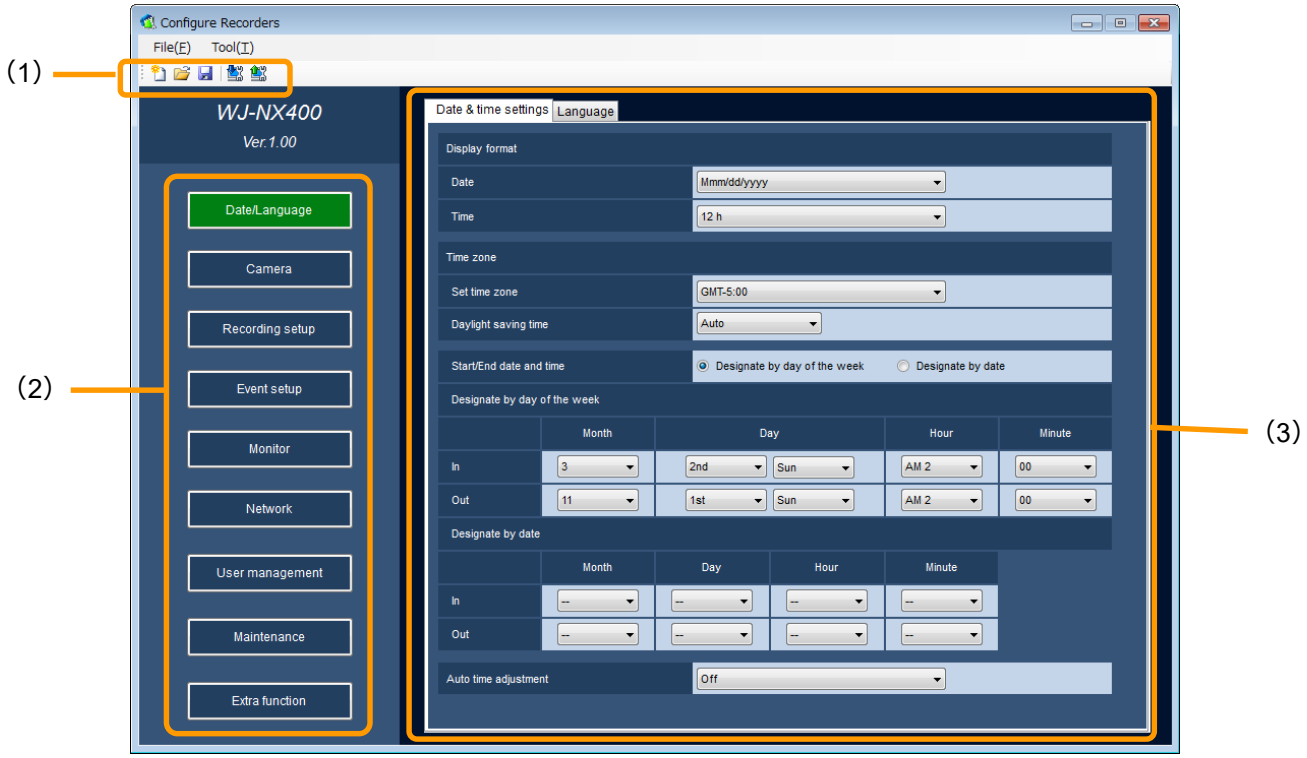
  [Supported Recorders]

  NX400/NX300/NX200, NV300/NV200, ND400



# Recorder Configuration File editor

To select “Create / Edit Recorder Configuration File” function, “Configure Recorder” screen will be launched.
The following is an example for of WJ-NX400 editor.




| No. | Item | | Description |
|---|---|---|---|
| (1) | Tool bar | | |
| | | New | Create new Recorder Configuration File. |
| | | Open | Import an existing Recorder Configuration File. |
| | | Save | Export edited configuration as new Recorder Configuration File. |
| | | Download | To download Recorder Configuration File from the device. |
| | | Upload | To upload Recorder Configuration File to the device. |
| (2) | Menu button | | Category of recorder setting items. |
| (3) | Settings | | View and edit area of setting items. |

**Note:**

- Refer to the operating instructions of the device in use for information about each setting item.

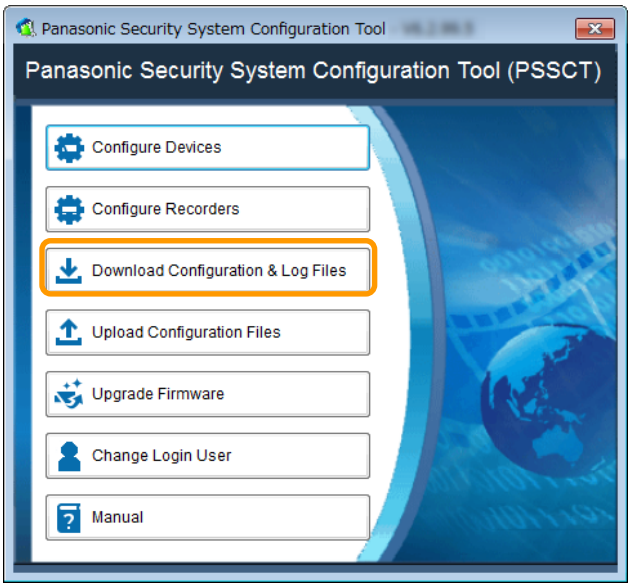
# Download Configuration Files and Log Files from Devices

Important:

- Wait until the download completes.
- This software may fail to connect the device when the destination device is in operation.

**1** **Click [Download Configuration & Log Files] button.**

The selection page will be displayed.




**2** **Register the device from which the settings are to be downloaded.**

**[Detect]**

To detect devices on network to update Device Configuration List automatically. If some devices are failed to detect, please extend detect time, and then try again.

**[Add]**

Set the following items on the menu which appears.

- Range of IP address (Start, End)
- Credentials (User name / Password)
  HTTP / HTTPS port number
- FTP port number
- TELNET port number

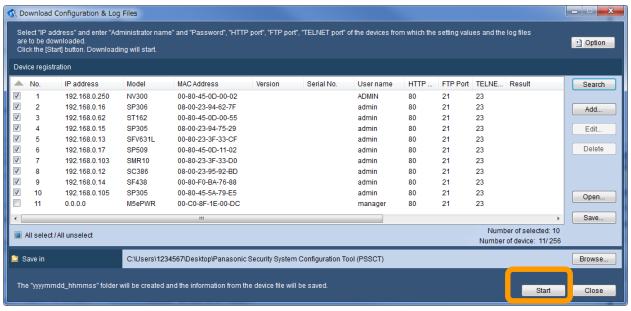
**Note:**

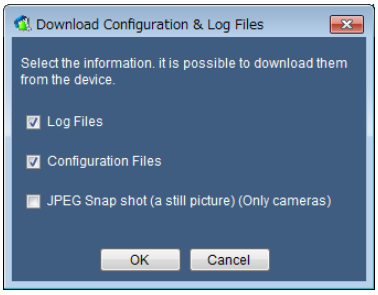
- If you can't find the device, confirm the following.

(1) Reboot cameras.
(2) Confirm the power supply, the connection to the NW switch and start-up.
(3) Click [Search] button

## 3 Start downloading.

When [Start] button is clicked, the information page will be displayed. Select the download information and click [OK] button, and then downloading will start. When the operation is completed, the dialog box will be displayed.



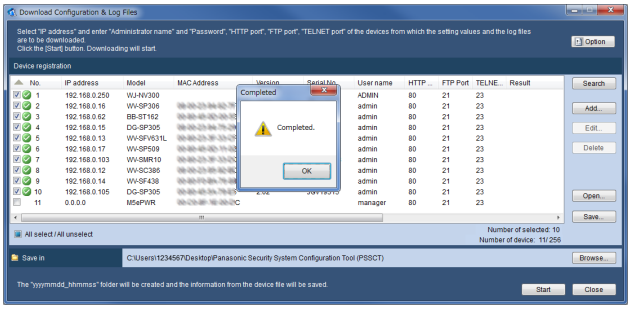




**Note:**

- Click [Save] button to save the settings of the registered device.
- The saved settings (setup file) from Download Configuration & Log Files /Upload Configuration Files/ Upgrade Firmware can be opened by clicking [Open] button.

## 4 Complete the download.

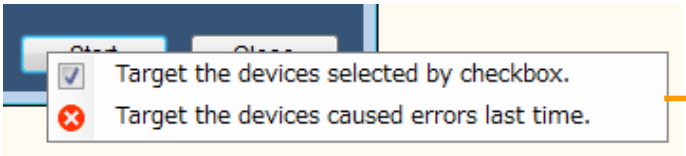
Click [OK] button.




**Note:**

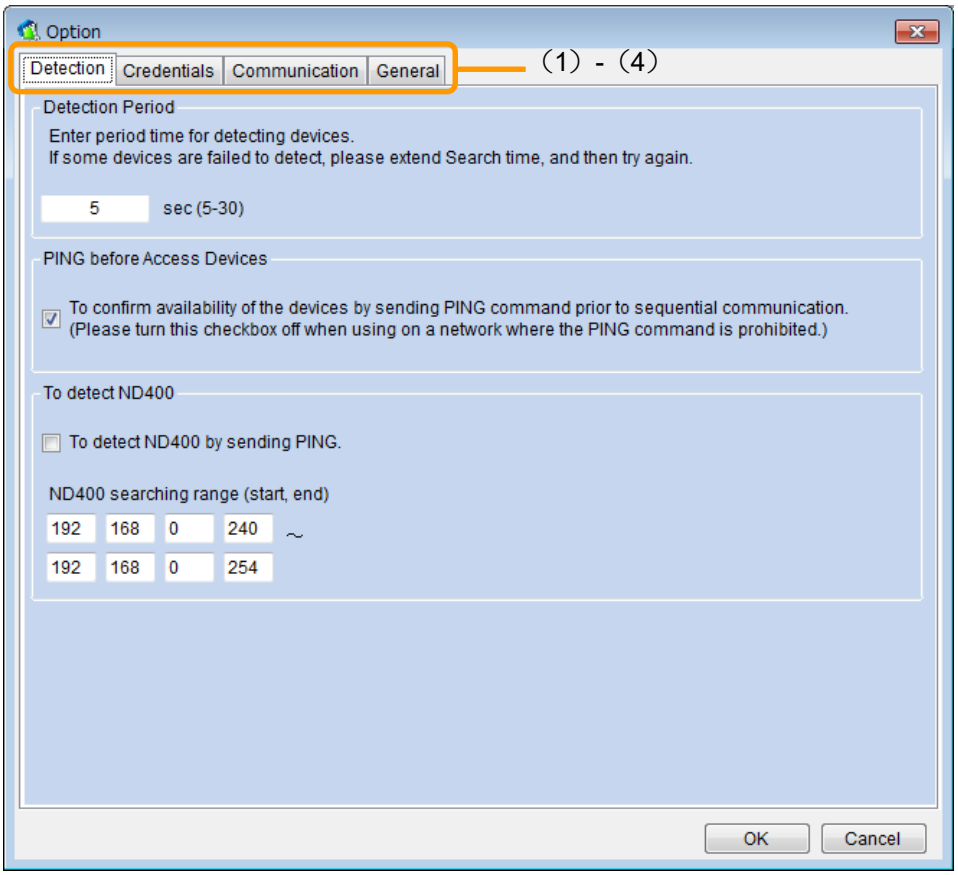
- The Log list will be saved in the downloading folder created by this software.

This page will be displayed when [Start] button on the device registration page is clicked. The following are descriptions about the screen and the setup items.




| No. | Item | Description |
|---|---|---|
| (1) | Select devices | [Target the devices selected by checkbox]<br>• Download from checked devices.<br>[Target the devices caused errors last time]<br>• Download from failed device last time. |

# Option Settings




| No. | Item | Description |
|---|---|---|
| (1) | Detection | • Period of “Detection time” to detect devices<br>• Control for “PING before access devices”<br>• Configuration of ND400 detection |
| (2) | Credentials | Credential of login to each device.<br>(“User name” and “Password” for Administrators of related devices.) |
| (3) | Communication | • Number of Operations<br>In case of failure to communicate devices for the reason of luck of bandwidth, decrease this number.<br>• Network Adapter Selection |
| (4) | General | • Language Settings. (Settings will be reflected after the next startup.)<br>• Browser Selection |

**Note:**

- Click this following button to use the old version of this software when using the discontinued models and the old devices.

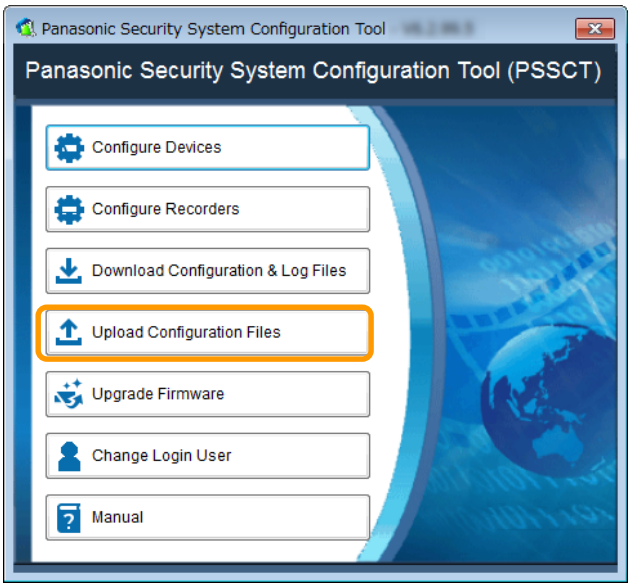
# Upload Configuration Files to Devices

Important:

- Wait for a while until the upload completes.
- When the saved setup file is edited such by text edit software, uploading it to the device will become impossible.
- Do not access concurrently to the same device from multiple PCs using this software. Otherwise, device errors may occur.
- It is impossible to upload the setup file when the destination device is in operation.

**1** **Click [Upload Configuration Files] button.**

The selection page will be displayed.

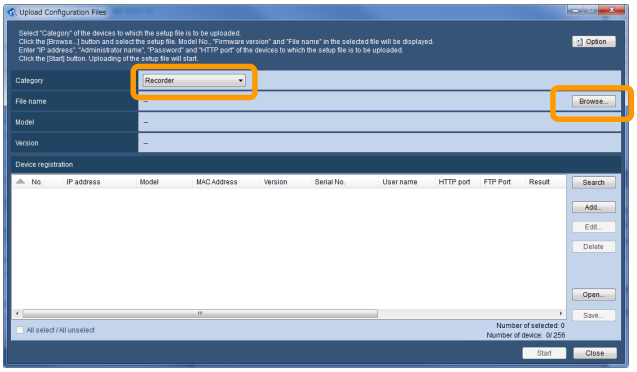



**2** **Display information of the setup file**

Click [Browse...] button after selecting "Category" of the device to which the setup file is to be uploaded.

Select the setup file on the "Open file" page.

The file name, model number and version of the selected setup file will be displayed.

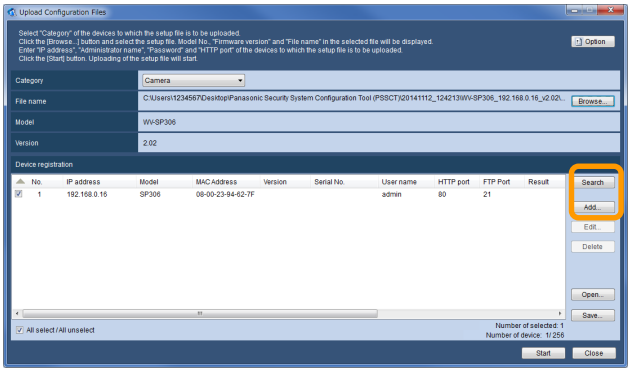



**Note:**

When uploading the configuration files, select the file according to the devices. Refer to the provided “Available function list for each compatible device (PDF file)” about the selecting files.

**3** **Register the device to which the settings are to be uploaded.**

Please refer to [Download Configuration & Log Files].



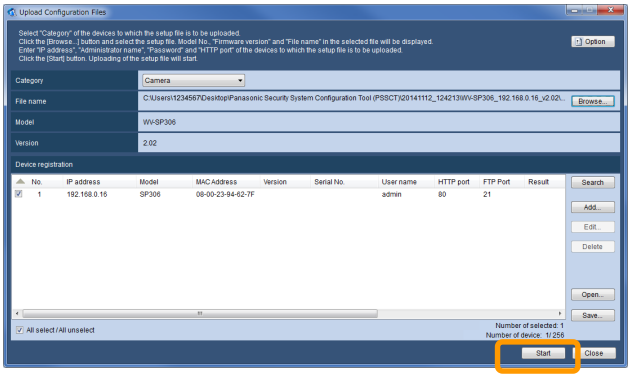

**Note:**

*1 To upload the downloaded file to the other camera, the following steps is recommend: The same Administrator User name & Password are set to each camera.

**4** **Start uploading**

Click [Start] button to start uploading.

When the upload of the settings is completed, the dialog box will be displayed.

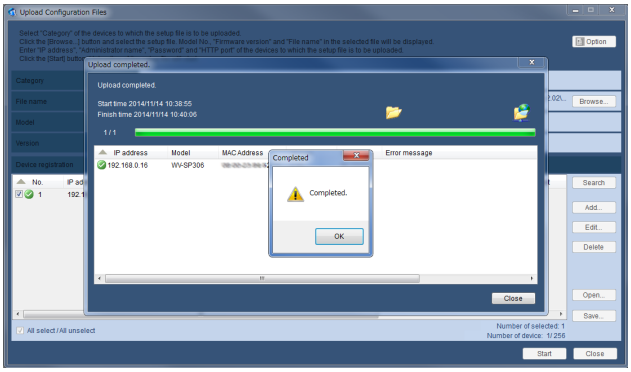



**Note:**

- Click [Save] button to save information of the registered device.
- The saved settings (setup file) from Download Configuration & Log Files /Upload Configuration Files/ Upgrade Firmware can be opened by clicking [Open] button.

**5** **Complete the upload.**

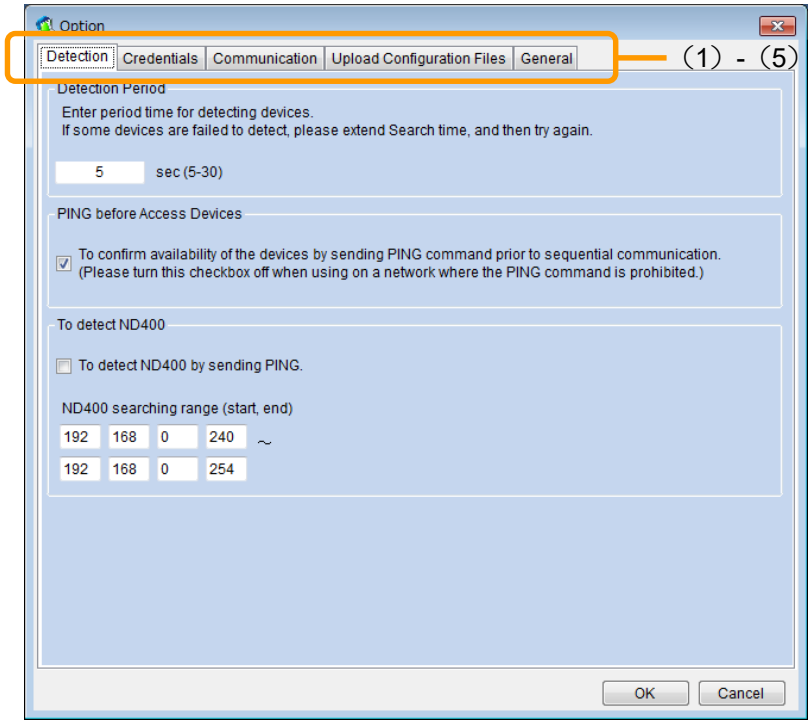
Click [OK] button.




**Note:**

- The Log list will be saved in the "Desktop\Panasonic Security System Configuration Tool (PSSCT)\yyyymmdd_hhmmss" folder created by this software.

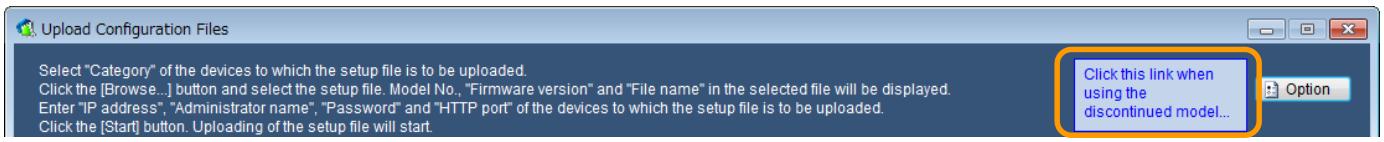
# Option Settings




| No. | Item | Description |
|---|---|---|
| (1) | Detection | • Period of “Detection time” to detect devices<br>• Control for “PING before access devices”<br>• Configuration of ND400 detection |
| (2) | Credentials | Credential of login to each device.<br>(“User name” and “Password” for Administrators of related devices.) |
| (3) | Communication | • Number of Operations<br>In case of failure to communicate devices for the reason of luck of bandwidth, decrease this number.<br>• Network Adapter Selection |
| (4) | Upload Configuration Files | The Option relating to Upload Configuration Files |
| (5) | General | • Language Settings. (Settings will be reflected after the next startup.)<br>• Browser Selection |

**Note:**

- Click this following button to use the old version of this software when using the discontinued models and the old devices.



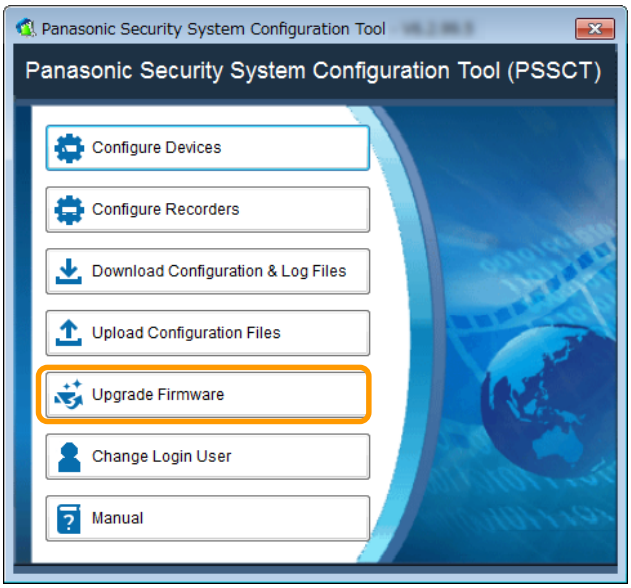
# Upgrade Firmware

Important:

- Wait until the software firmware completes.
- When designating the directory to save the upgrade firmware, enter 1-byte alphanumeric characters.
- Do not access concurrently to the same device from multiple PCs using this software. Otherwise, device errors may occur.
- It is impossible to upgrade the firmware when the device is in operation.
- Make sure that the file used for the firmware upgrade is designated file.

**1** **Click [Upgrade Firmware] button.**

The Upgrade Firmware selection page will be displayed.



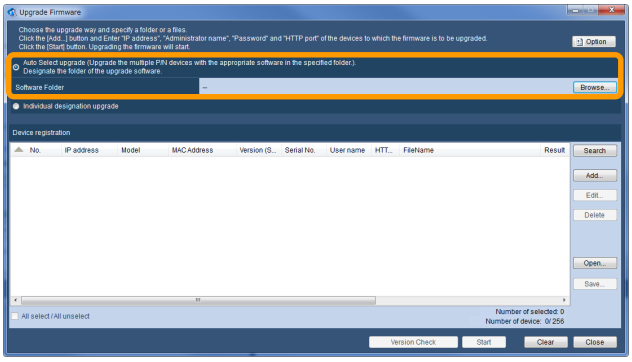

**Important:**

Launched "Upgrade Firmware" from the icon on the "Configure Devices" menu will operate as follows.

- The "Detection" and "Clear" buttons are hidden because the device information is automatically inherited.
- Information added / deleted / edited independently on "Upgrade Firmware" is effective only within "Upgrade Firmware" menu.

**2** **Choose the upgrade way.**

- When "Auto Select upgrade" is selected.
  Click [Browse...] button.
  Select the folder in which the update software is stored on the "Browse For Folder" page.




**Important:**

- When upgrading Application software (extension: img) and Camera Driver software (extension: bin) at the same time by using this function, do not change the folder and file name which extract the downloaded ZIP file from Panasonic site.

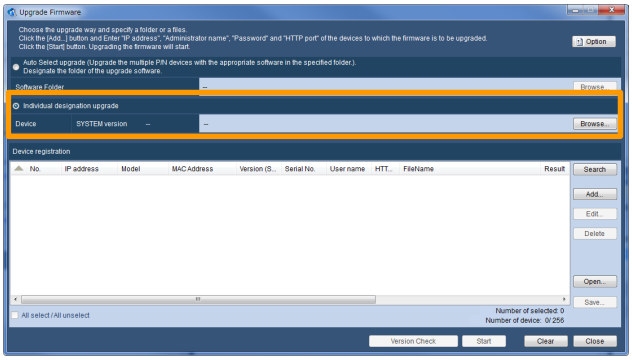
**Important:**

- It is possible to run Two-step Upgrade Firmware *1 automatically when using this function. Do not change the folder and file name which extract the downloaded ZIP file from Panasonic site.

*1 SW55*/SP50*/SF54*/SF53* Series : When upgrading from the older version(V1.30) to after V1.40

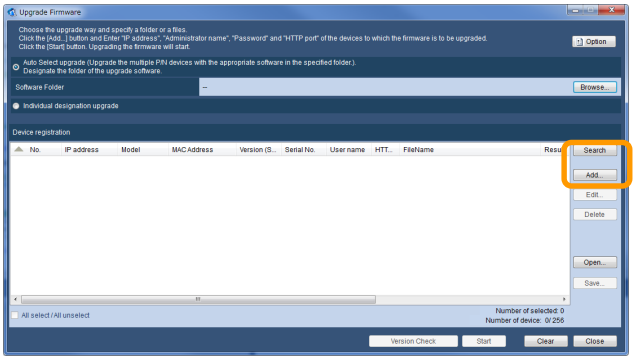
SF448/SW45*/SF43* Series : When upgrading from the older version(V1.04) to after V1.40

- When "Individual designation upgrade" is selected.
  Click [Browse...] button.
  Select the software on the "Open file" page.
  The file name, model number and version of the selected software will be displayed.



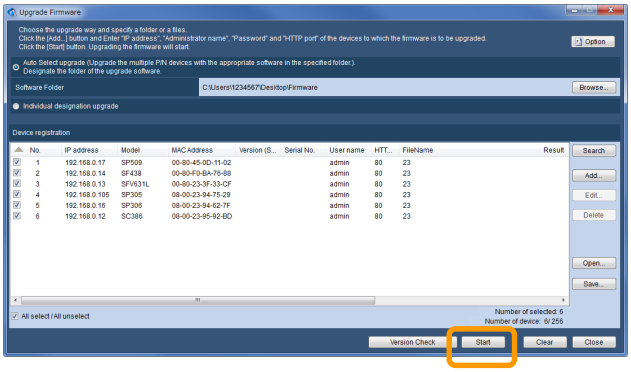

## 3 Register the device of which the firmware is to be upgraded.

Please refer to [Download Configuration & Log Files].




## 4 Start updating the software

Click [Start] button to start updating the software.
When the upgrade of the firmware is completed, the dialog box will be displayed.

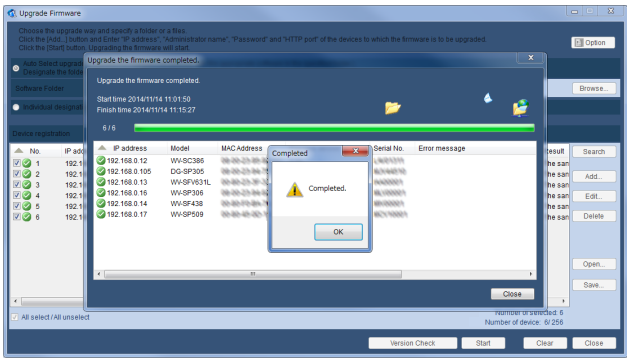



**Note:**

- Click [Version Check] button to get information of the registered device and display the list.
- Click [Save] button to save information of the registered device.
- The saved settings (setup file) from Download Configuration & Log Files /Upload Configuration Files/ Upgrade Firmware can be opened by clicking [Open] button.

**5** **Complete the firmware upgrade.**

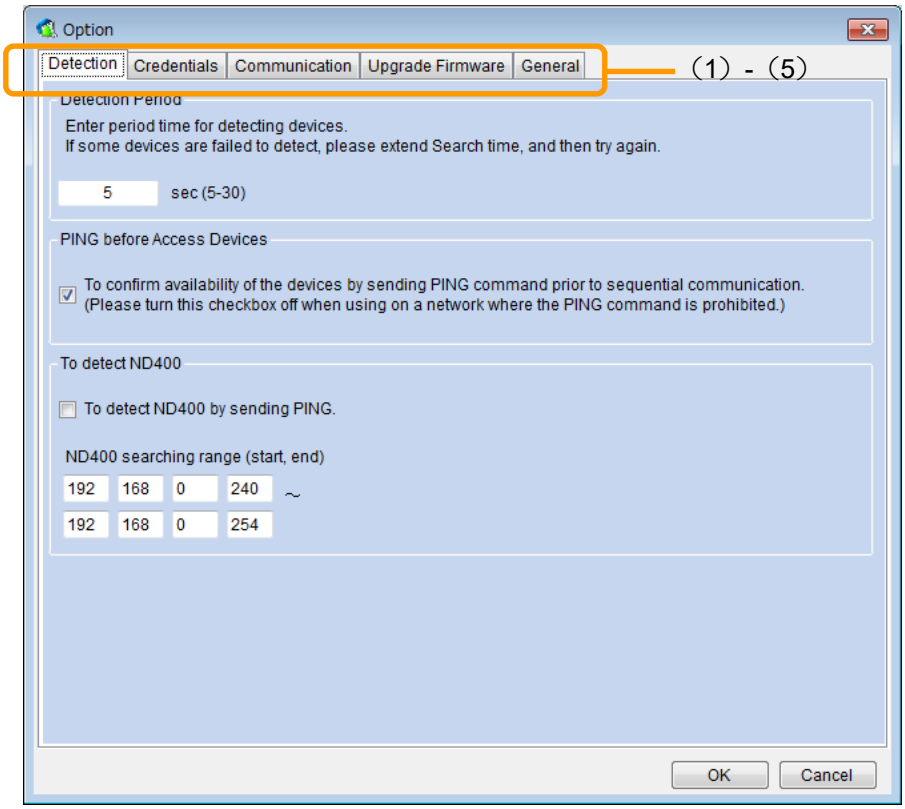
Click [OK] button.




**Note:**

- The Log list will be saved in the "Desktop\Panasonic Security System Configuration Tool (PSSCT)\yyyymmdd_hhmmss" folder created by this software.

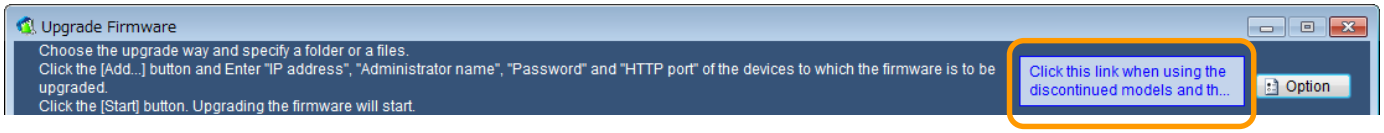
# Option Settings




| No. | Item | Description |
|---|---|---|
| (1) | Detection | • Period of “Detection time” to detect devices<br>• Control for “PING before access devices”<br>• Configuration of ND400 detection |
| (2) | Credentials | Credential of login to each device.<br>(“User name” and “Password” for Administrators of related devices.) |
| (3) | Communication | • Number of Operations<br>In case of failure to communicate devices for the reason of luck of bandwidth, decrease this number.<br>• Network Adapter Selection |
| (4) | Upgrade Firmware | Supplementary notes related to upgrade firmware. |
| (5) | General | • Language Settings. (Settings will be reflected after the next startup.)<br>• Browser Selection |

**Note:**

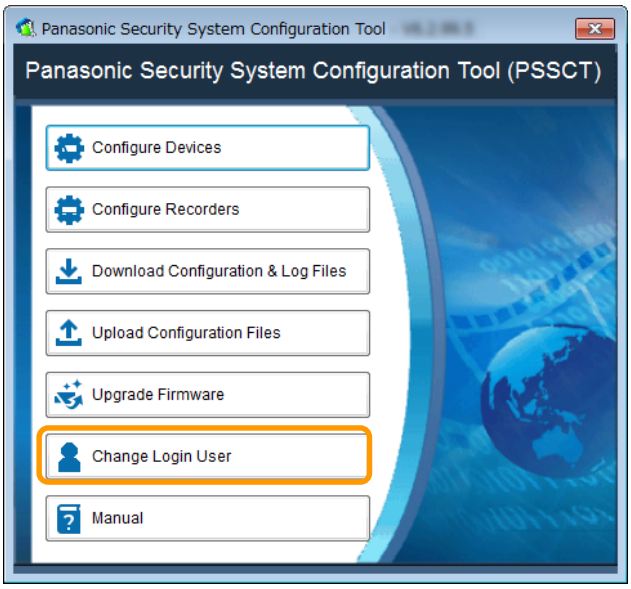
- Click this following button to use the old version of this software when using the discontinued models and the old devices.



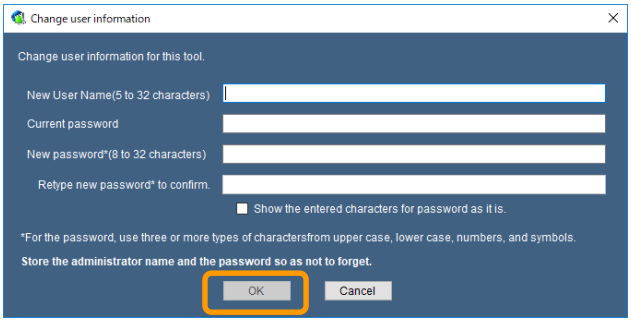
# Change Login User

Change the user name and password required for login.

**1** **Click [Change Login User] button.**
The user edit page will be displayed.




**2** **Change the user information**
Click [OK] button after completing the fields of "New user name", "Current password", "New password" and "Retype new password".




**Note:**

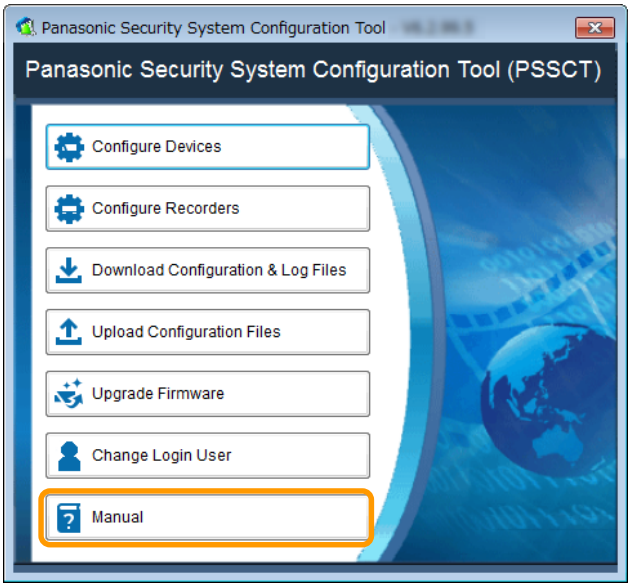
- Enter 5 - 32 alphanumeric symbol characters for "User name".
- Enter 8 - 32 alphanumeric symbol characters for "Password".
- Available "symbols" are as follows (common to both user name and password field).
  ! # $ % ( ) * + , . / < > ? @ [ ] ^ _ ` { | } ~

# Refer to the Manual

**1** **Click [Manual] button.**
This manual and “Available function list for each compatible device (PDF file)” will be displayed.

**Note:**

- Select "PSSCT2" from "start" menu ("start" - "All Programs" - "Panasonic" - " Panasonic Security System Configuration Tool (PSSCT2)" - "Panasonic Security System Configuration Tool (PSSCT2)"). This manual will be displayed.



# Other

## Troubleshooting

Check the following before requesting repair.

| Symptom | | Cause / solution | Page |
|---|---|---|---|
| **Cannot access the device from this software.** | ▶ | Confirm that the network cable is properly connected.<br>Confirm the indicator of the device. | — |
| | ▶ | Is the connection indicator of the device lit?<br>In case it is not lit, IP connection is not established or a network is not working correctly.<br>Confirm that the connection indicator of the 10BASE-T/100BASE-TX port is lit. Refer to a system administrator if it is not lit. | — |
| | ▶ | Is the valid IP address set?<br>Refer to a system administrator for further information. | — |
| | ▶ | Are you accessing the wrong IP address?<br>Check the connection as follows:<br>>ping “IP address of the device” If there is reply from the device, the connection is normal. If not, check the settings of the IP address and the subnet mask. | — |
| | ▶ | Is the same IP address provided to other devices?<br>Refer to a system administrator for further information. | — |
| | ▶ | Are there contradictions between the address and the network subnet to be accessed?<br>When the device and the client (PC) are on the same subnet, is the same subnet set for the IP addresses of the device and the PC?<br>Is "Use Proxy Server" for the settings of the browser checked?<br>When accessing the device in the same subnet, entering the address of the device in the "Don’t Use Proxy For These Addresses" box is recommended.<br>Is the address undefined because the LAN cable is not properly connected to the network adapter or the HUB is not turned on?<br>Please check that cable connection is correct, cable is not damaged, PING goes to target device, etc. | — |

| Symptom | | Cause / solution | Page |
|---|---|---|---|
| **Cannot detect the device or configure the IP address.** | ▶ | Have 20 minutes passed after turning on the power of the device?<br>For security enhancement, the MAC address/IP address of the device will disappear and configuration of the settings will become unavailable when 20 minutes have passed after turning on the power of it.<br>(1)Reboot the device.<br>(2)Confirm the power supply, the connection to the NW switch and start-up.<br>(3)Click [Start] or [Refresh] button.<br>Refer to the setup instructions of the device for information on how to reboot it. | — |
| | ▶ | The firewall function of the anti-virus software may be filtering the port of the camera.<br>Allow access to all UDP and HTTP ports. | — |
| | ▶ | Are the incompatible devices (no camera, recorder, switch and operation PC) connected in the same subnet?<br>Remove the incompatible devices from the same subnet. | — |
| | ▶ | The connected Ethernet cable may be defective.<br>Exchange it for the others. | — |
| | | When the DHCP server is not found and camera's "Network Settings" is selected, the IP address may not be configured.<br>Please run the DHCP server or change the mode. | — |
| | ▶ | When the same Network Information was set, an error message may be displayed.<br>It is shown that the message does not have changes.<br>Please continue a job. | — |

| Symptom | | Cause / solution | Page |
|---|---|---|---|
| **Fail to log in.** | ▶ | Is the correct password entered?<br>Confirm that the correct password is entered.<br>If you cannot remember the authentication information, you can reset the username and password by checking the "Initialize all previously registered credentials and start the tool" option. | 10 |
| **The installer is launched when starting this software. The message saying that it is necessary to reinstall the software is displayed.** | ▶ | It may be possible that the files copied onto the PC upon the installation are deleted, moved or edited.<br>Reinstall by following the displayed instructions or uninstall the software and install it again.<br>Is not the state referring to the contents without fully deploying the ZIP file? Please fully deploy the ZIP file and execute "setup.exe"<br>If installation of Visual C ++ package fails, please make sure that the latest patch has been applied on Windows system itself. | — |
| **Fails to “Upload Settings” operation.** | ▶ | Make sure the copy destination folder is selected correctly and files in the folder are the same as the files at the time of backup. | — |
| **Fails to "Download setting" or "Download log" operation.** | ▶ | Ping may be blocked at the route from the PC to the target device. Please set "Device survival check by PING" in "Options" setting to Off and retry.<br><br>Please confirm that FTP and/or TELNET is not blocked at the route from PC to the target device. | — |

# Cautions when using the software

The following phenomena may occur when using this software on Windows. If it occurs, follow the provided instructions below. Note that the operation shall be made by an administrator.

The following instructions are tested and confirmed. However, note that a phenomenon may not be exactly the same as described according to the PC environment, OS, etc.

The following are the instructions and restrictions for each phenomenon.

**<Phenomena 1>**

The software page is not displayed correctly after starting the software.(See the diagram below)

Solution

Confirm "Control Panel" – "Display". When "Smaller – 100%" is not selected, set the font size to "Smaller – 100%".

**1** **Click "Control Panel" – "Display".**

Display page will be displayed.

**2** **Select the font size "Smaller – 100%".**

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# Panasonic Security System Configuration Tool
# PSSCT
## - Administrator Registration Guidance -

**April 2016 : First Edition**
**November 2018 : Revised Edition**

**Panasonic Corporation**

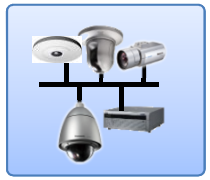
# 《At First》 Overview of Administrator Registration

**Administrator Registration using PSSCT 5.6 or later is following.**

## Step 1 Configure Networks Settings

EasyIpSetup.exe
or
PSSCT

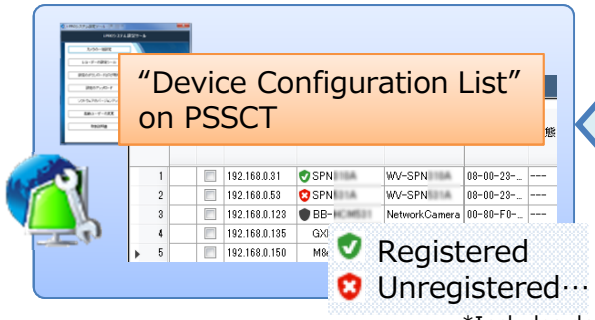
Configure networks



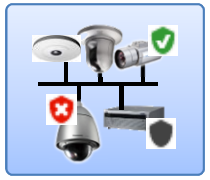
## Step 2 Get status of devices to show as “Device Configuration List”

PSSCT

In case of administrator unregistered device has been detected.*



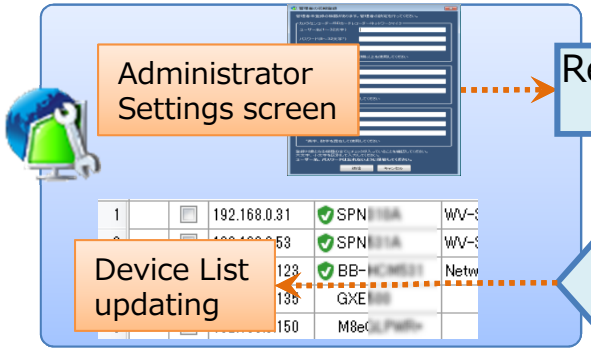

Get status



*Includes devices which state can not be uniquely identified. (See Step 2 for detail)

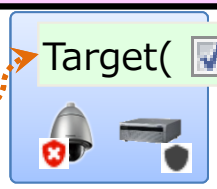
## Step 3 Administrator Settings

PSSCT




Register to devices (Send)

Target( ☑ )



Get result from devices

# 《Step 1》 Configure Network Settings

# Step 1 Configure Networks Settings

**Prior to administrator registration, configure network settings to access target device(s) properly.**

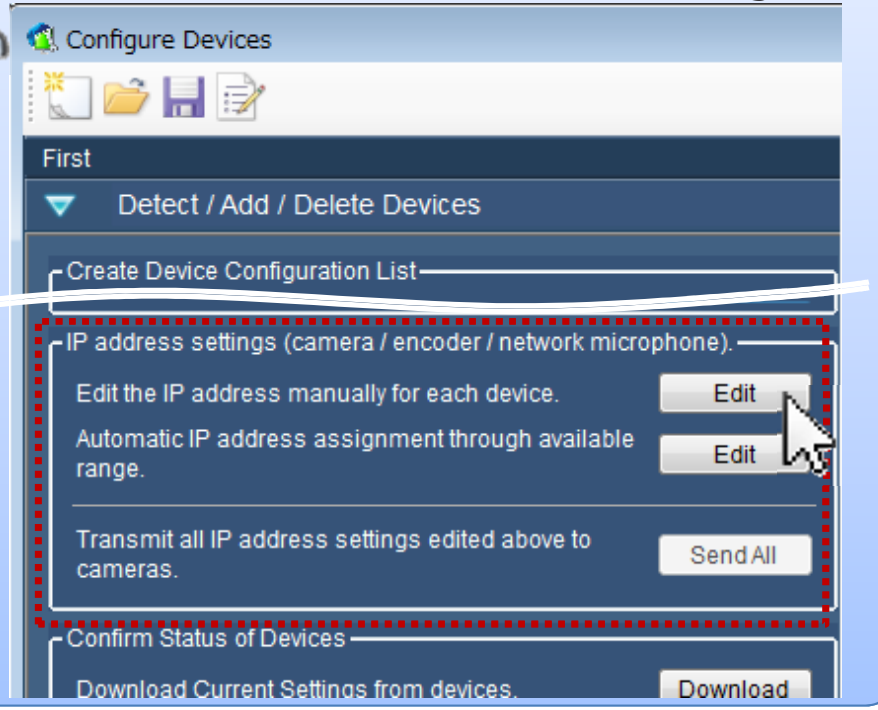
- Incomplete settings : To Configure network settings using following tools.
- Settings completed : Please proceed to Step 2.

EasyIpSetup.exe

-> Network Settings

OR

PSSCT2 -> “IP address settings”




*<Note>*
*In this guidance, “**device(s)**” is a generic term for ‘camera(s)’, ‘recorder(s)’, ‘network microphone(s)’ and ‘encoder(s)’.*

After configuration settings are completed, please proceed to Step 2.

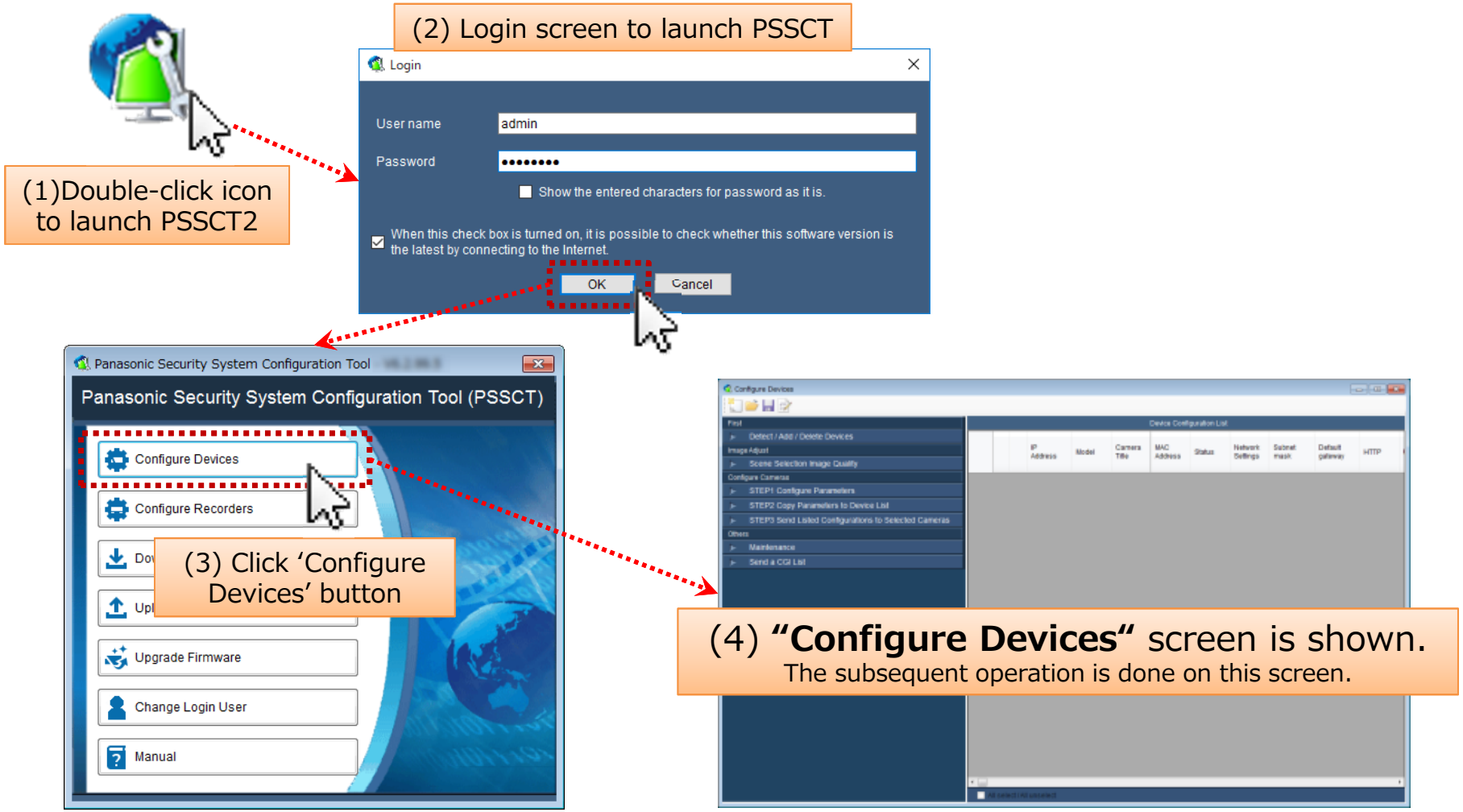
# 《Step 2》 “Device List” Creation

## - To show registration status of each device -

# Step 2 Device List Creation(1/4) – To launch PSSCT-

**In this step, get status from devices to create "Device Configuration List" to know which device have to be administrator registered newly.**

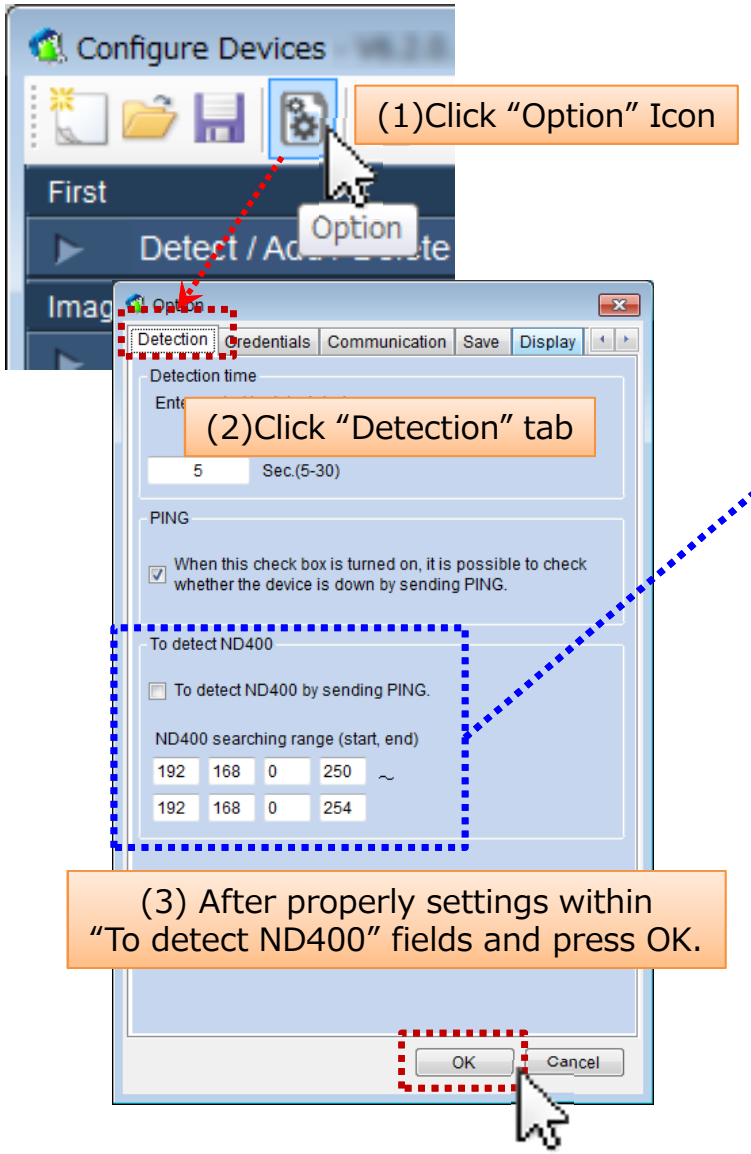
**Procedure 1: To launch "PSSCT2" -> "Configure Devices"**



# Step 2 Device List Creation(2/4) –WJ-ND400 detection-

**In case of ND400s does <u>not</u> exist in your system, <u>skip this page and move to 'Procedure 3'.</u>**

**Procedure 2:(In case of ND400 existence in the system) To setup ND400 detection settings.**




## Essential point about ND400 detection

1: To turn on checkbox here. ☑

☑ To detect ND400 by sending PING.

ND400 searching range (start, end)

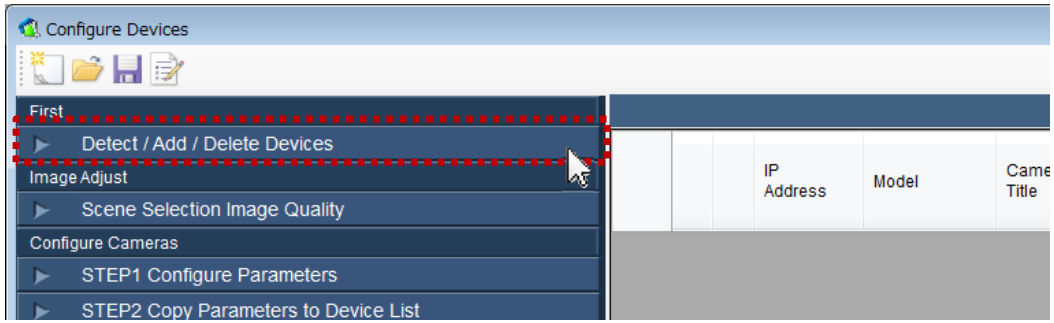
| | | | | |
|---|---|---|---|---|
| 192 | 168 | 0 | 250 | ~ |
| 192 | 168 | 0 | 254 | |

2 : To set this field covers target ND400's address(es).

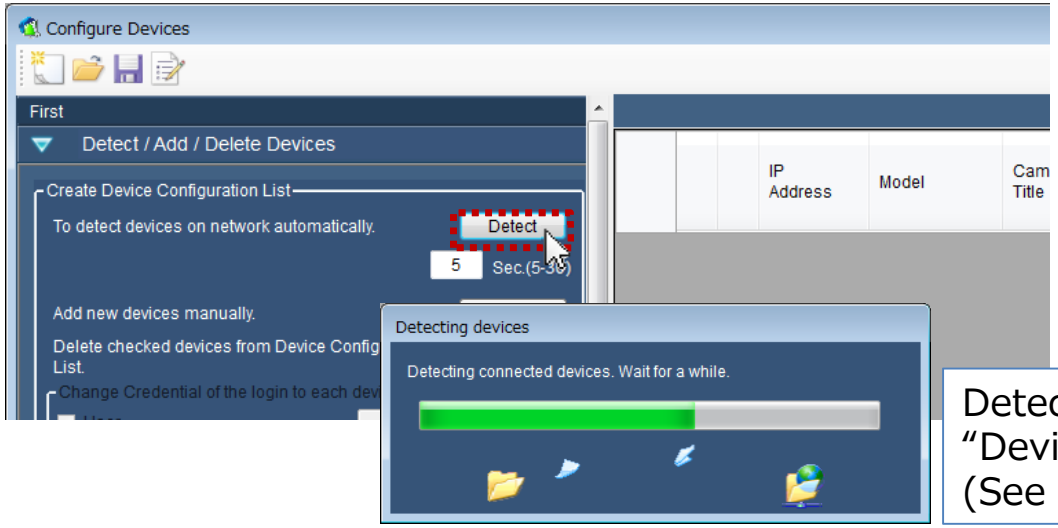
*<Note>*
*To set "searching range" above as requisite minimum. (If you specify a wide range of more than necessary, it takes time to finish WJ-ND400 detection.)*

# Step 2 Device List Creation(3/4) –Get device status -

**Procedure 3: Press [Detect / Add / Delete Devices] button.**




**Procedure 4: To press [Detect] button, start to detect devices on network automatically.**




Detected devices shown up to "Device Configuration List" field. (See next page to detail.)

*<Note>*
*If you fails to detect WJ-ND400s, please revalidate the settings described 'Procedure 2 (previous page) and retry again.*

# Step 2 Device List Creation(4/4) – List-reading -

**Procedure 5 : To ensure “Model” column on “Device Configuration List”.**

Device Configuration List

| | | IP Address | Model | Camera Title | MAC Address | Statu |
|---|---|---|---|---|---|---|
| 1 | ☐ | 192.168.0.31 | SPN | WV-SPN | 08-00-23-... | --- |
| 2 | ☑ | 192.168.0.53 | SPN | WV-SPN | 08-00-23-... | --- |
| 3 | ☑ | 192.168.0.123 | WV- | NetworkCamera | 00-80-F0-... | --- |
| 4 | ☐ | 192.168.0.135 | GXE | | 00-80-45-... | --- |
| 5 | ☐ | 192.168.0.150 | M8e | | 00-50-40-... | --- |

Registration status of each devices are shown as icons ( ).

: Administrator is already registered devices.

: Administrator is not registered devices.

: Administrator state unknown devices. (HCM7xx/5xx and/or incommunicable devices)

(No icons) : Legacy devices.

If this software detect devices as or , the checkbox of the device marked up to turn-on (☑) to proceed Administrator Registration. (See ‘Step 3’)

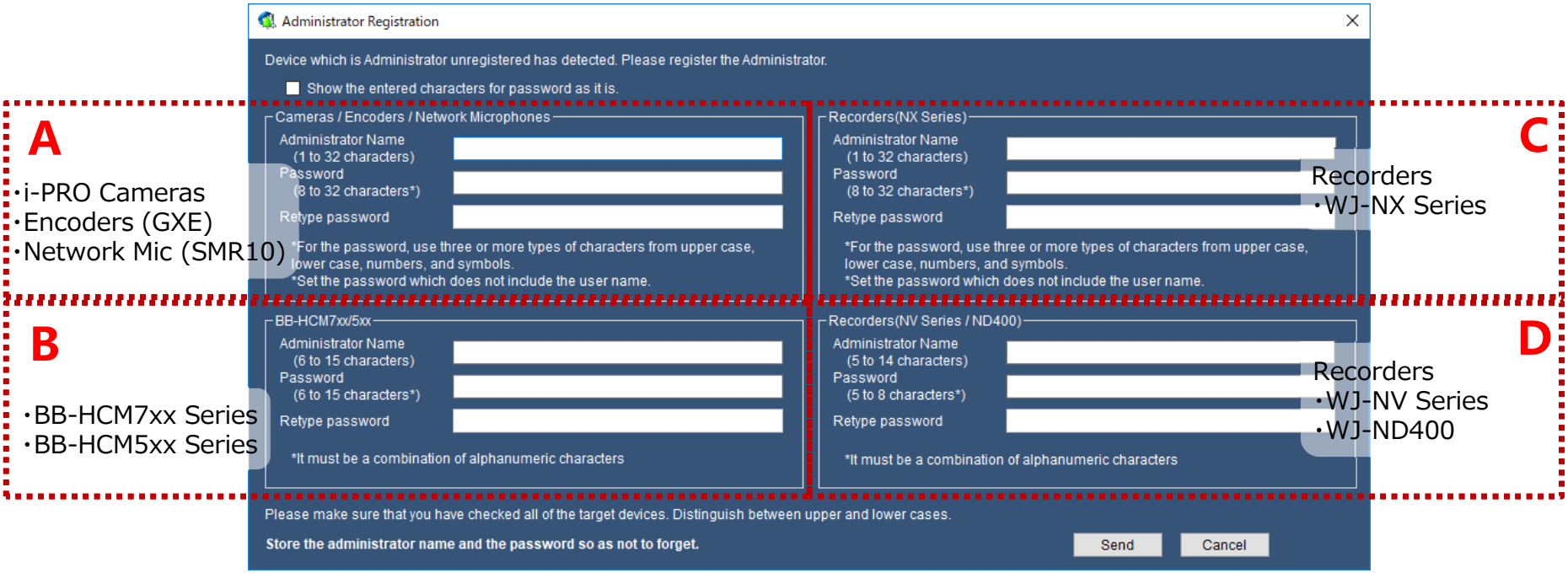
If the device that needs to be set administrator does not exist (all devices belongs to or no icon group), the following ‘Step 3’ procedures are not executed.

# 《Step 3》 Administrator Registration

## - Procedure Registration to target devices -

# Step 3 Administrator Registration(1/2) -Input Screen-

After detection or devices, the “Registration” screen will appear automatically.

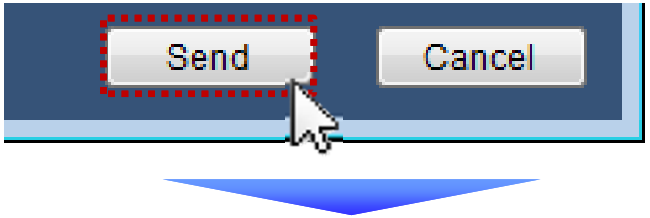



**Procedure 1:**
**Please input each item according to the rules described.**
(While the rules satisfied you entered, the field shown as light green)

*<Note>*
*Depending on the device presence of each A/B/C/D group, the fields of group shown as enabled and/or disabled automatically.*

# Step 3 Administrator Registration(2/2) –Send Settings-

**Procedure 2: After completion of input, press 'Send' to reflect settings to devices.**




*<Note>*
*To ensure the target device which is to be registered are shown as ☑ on device list.*

**Procedure 3: To confirm the result.**

All devices shown as ✓ and/or without icon, registration is complete.

**Store the administrator name and password so as not to forget.**

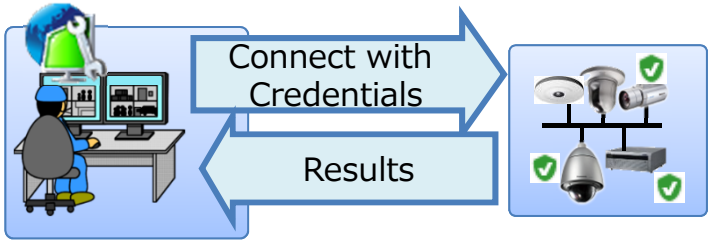
# 《Appendix》 PSSCT Operation

## - For use after the administrator registration -

# 《Overview》 Credentials of Device Communication

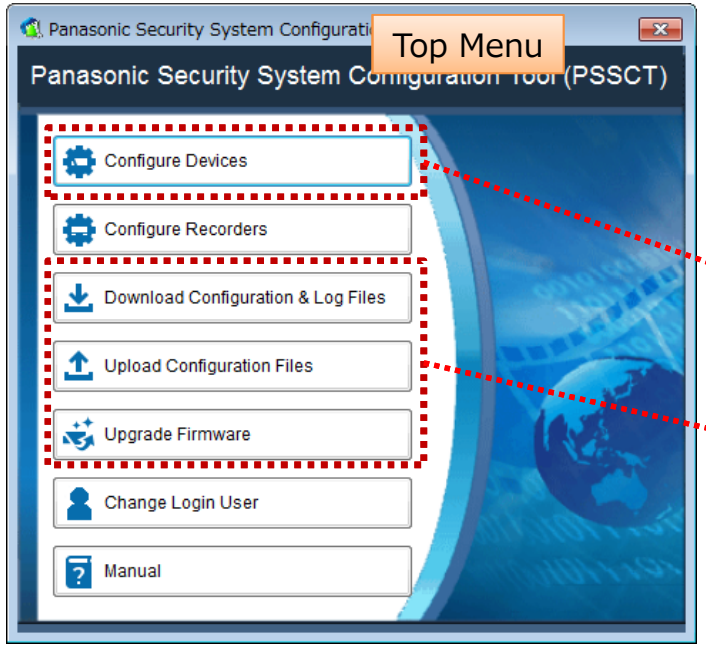
## At First

For appropriate communication with the devices, credentials setting of this tool and administrator information of devices must be match.



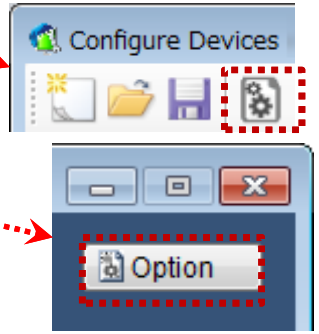

*<Note> If the credentials do not match, failed to communicate with the device and an error message appears.*

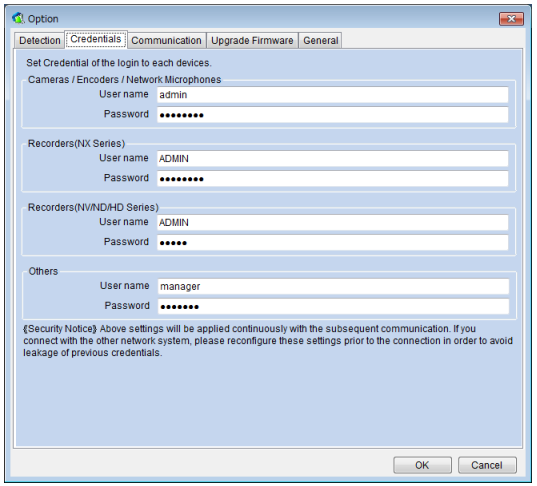
## Settings




**Launch of the submenu and set credentials using the "<u>Option" menu in the submenu</u>.**

(For details, See following pages.)

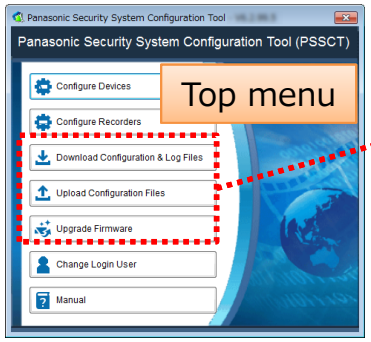


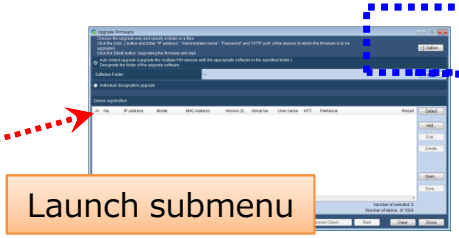



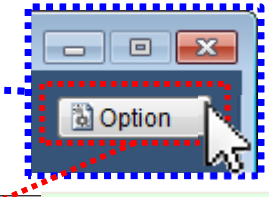

<Note>For the submenu that does not communicate with the devices, there is no "Option" menu.

# To Set “Default” Credentials (“Option” menu)

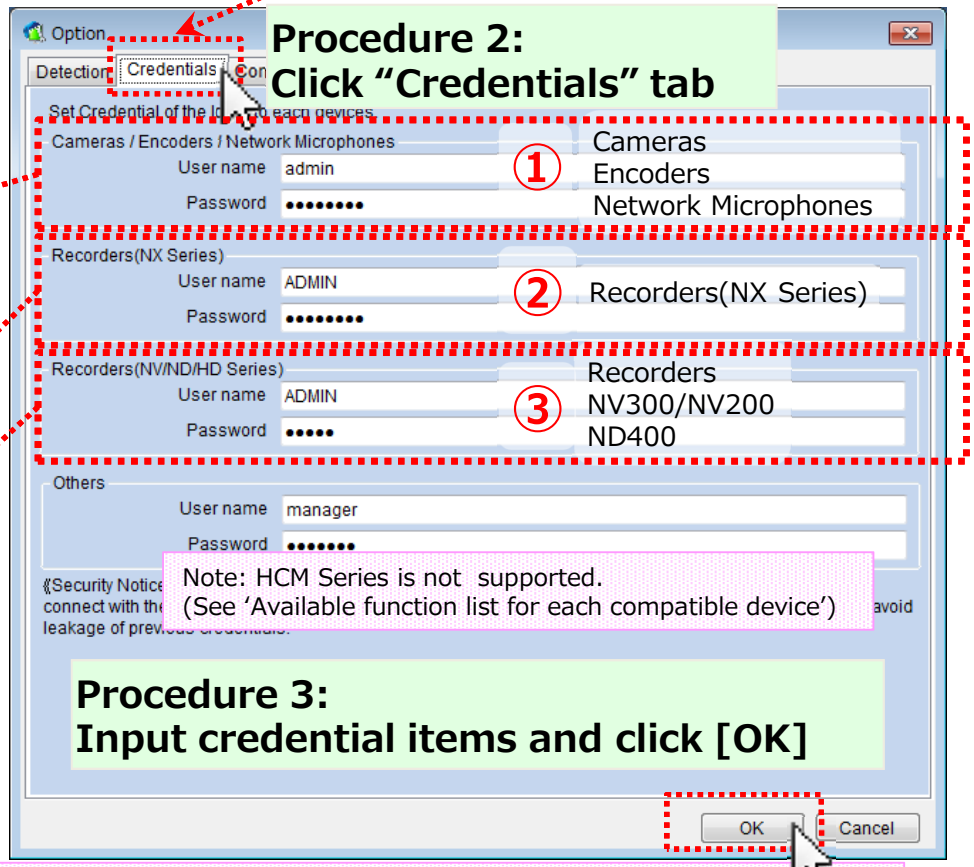
This page illustrates of settings for “Upgrade Firmware”. The other is also the same operation.




**Procedure 1:**
**Click "Options“ button**

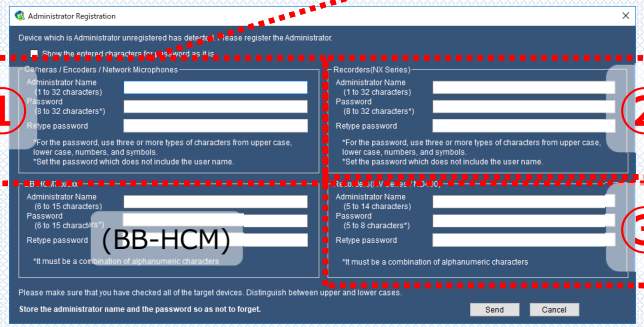



**Procedure 2:**
**Click “Credentials” tab**

Note: HCM Series is not supported.
(See ‘Available function list for each compatible device’)

**Procedure 3:**
**Input credential items and click [OK]**

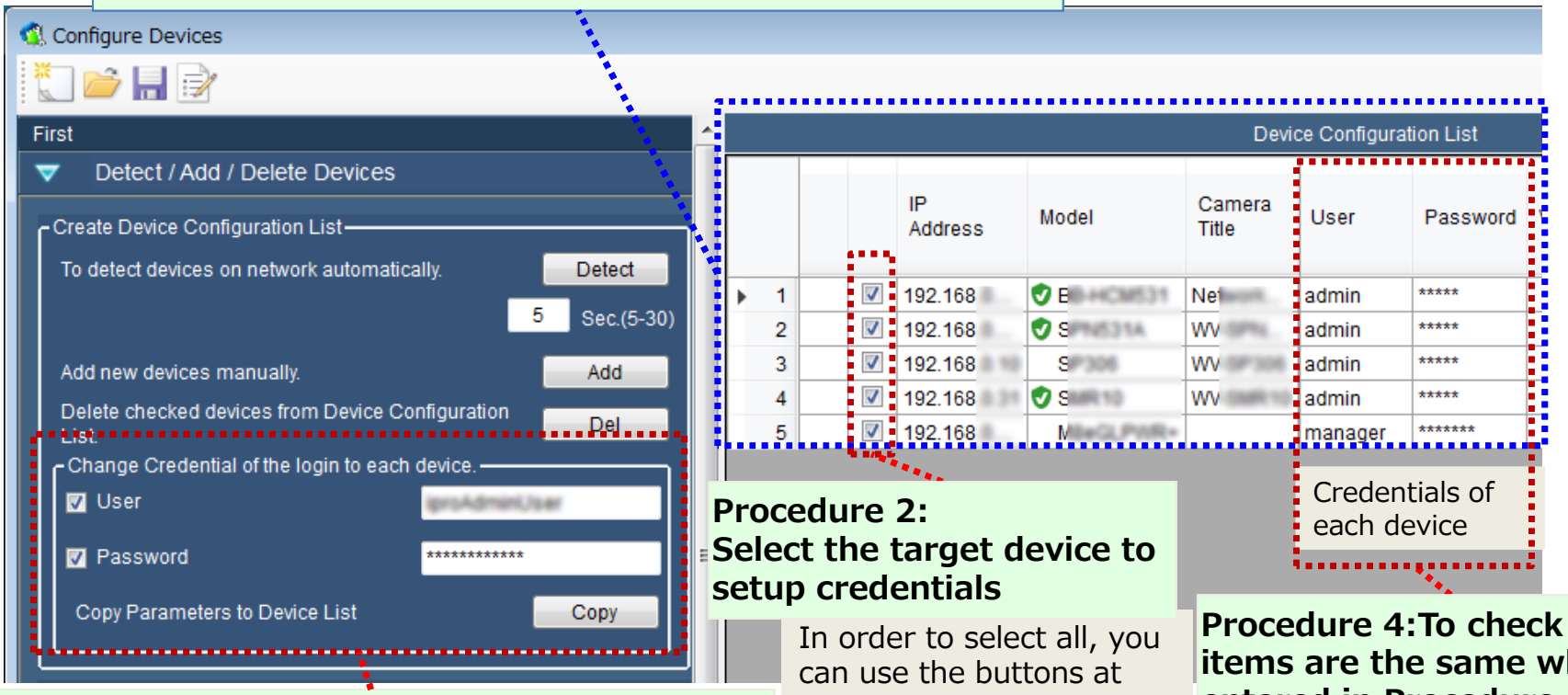
**Comparison with the “Administrator Registration“**




- Credentials set through above procedures will be reflected in the actual communication **at the timing of pressing the “Detect" button again**.
- Above settings will be applied **continuously with the subsequent communication**. If you connect with the other network system, please **reconfigure** these settings **prior to the connection** in order **to avoid leakage of previous credentials**.

# To override Credentials temporally (At “Configure Devices”)

**Procedure 1: “Device Configuration List” Creation using “Detect / Add / Delete Devices“**




**Procedure 2: Select the target device to setup credentials**

In order to select all, you can use the buttons at the bottom of the window.

All select / All unselect

Credentials of each device

**Procedure 4:To check these items are the same what you entered in Procedure 3.**

**Procedure 3: Input each item at ”Change Credential” menu and press “Copy” button.**

<Notes>
- If different credentials are mixed on devices, repeat the procedure 2 to 4 for each group of devices with the same credential.
- By clicking on the title part of the Device List, you can sort item of the list.
- Credentials set this procedure will be discarded at the end of this submenu.
  If necessary, use the save ( ) and load( ) maintenance function of device list.