i-PRO Configuration Tool

Operation Flow

```
1. Start Up and Log in
        ↓
2. Select mode / functions

┌─────────────────────────────────────────┐
│  Basic mode              Professional mode│
│                                           │
│  - Change IP Address     - Change IP Address│
│  - Administrator Registration  - Administrator Registration│
│  - Download Files        - Download Files │
│  - Upload Files          - Upload Files   │
│  - Update Firmware       - Update Firmware│
│  - Camera Restart        - Camera Reset / Restart│
│                          - Configure Cameras│
│  You need to select functions  - Configure Recorders│
│  what you would like to perform. - Send a CGI List│
│                          - Status of Cameras│
└─────────────────────────────────────────┘
        ↓
3. Device detection and connection
        ↓
4. Main (Home) Screen
Perform various operations
```
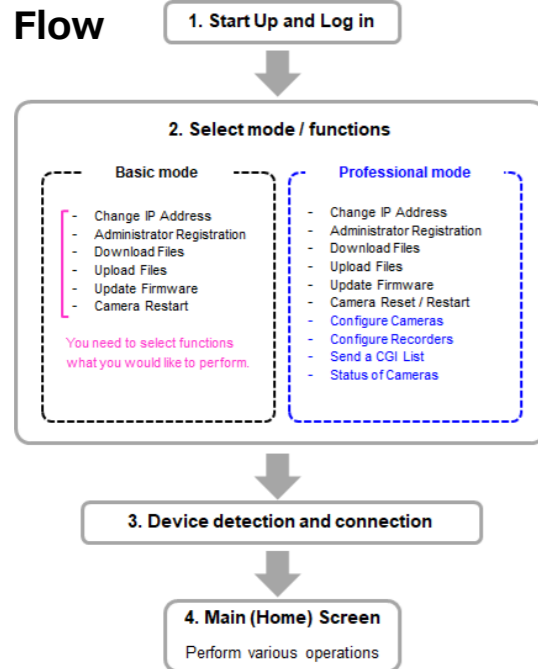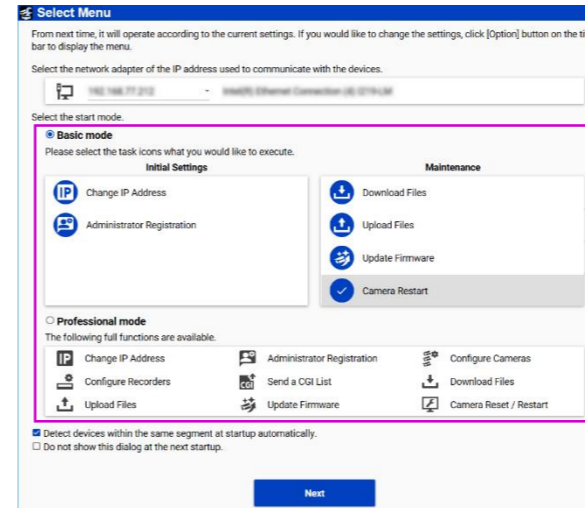
1. Start Up and Log in

Start Menu on Windows OS ->
[i-PRO] -> [i-PRO Configuration Tool]

Log in

Username: admin
Password: ••••••••••

☐ Show the entered characters for Password as it is.

☑ When this check box is turned on, it is possible to check whether this tool version and the connected devices are the latest by connecting to the Internet.
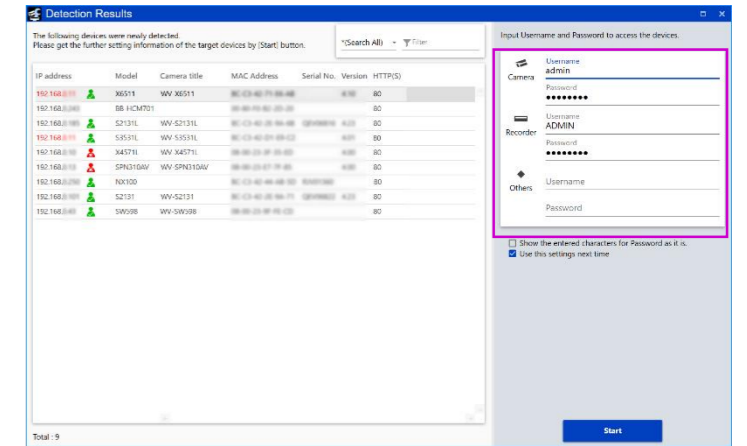
Log in
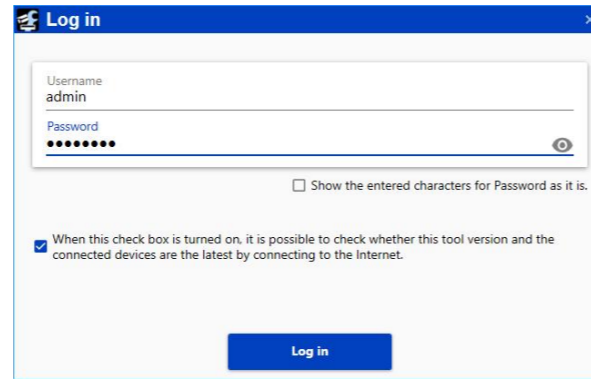
2. Select mode / functions

Select mode / click the function what you would like to operate and press "Next".

Select Menu

From next time, it will operate according to the current settings. If you would like to change the settings, click [Option] button on the title bar to display the menu.

Select the network adapter of the IP address used to communicate with the devices.

Select the start mode.

◉ Basic mode
Please select the task icons what you would like to execute.

Initial Settings	Maintenance
IP Change IP Address	Download Files
Administrator Registration	Upload Files
	Update Firmware
	✓ Camera Restart

○ Professional mode
The following full functions are available.

IP Change IP Address	Administrator Registration	Configure Cameras
Configure Recorders	Send a CGI List	Download Files
Upload Files	Update Firmware	Camera Reset / Restart

☑ Detect devices within the same segment at startup automatically.
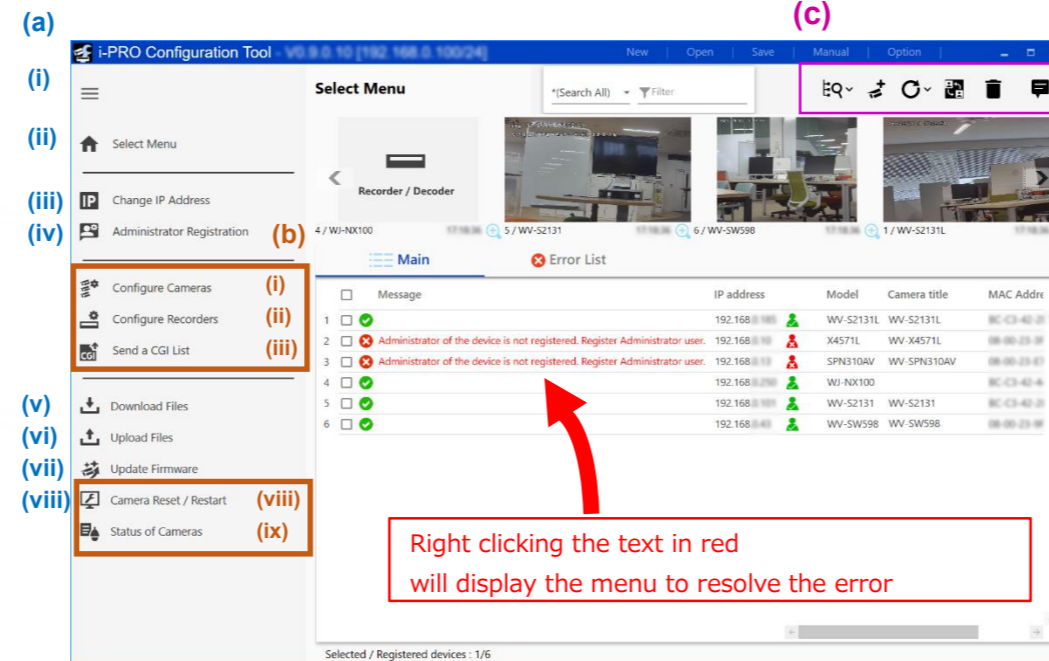☐ Do not show this dialog at the next startup.

Next

3. Device detection and connection

To connect to the device, you need to enter the username and password of the device.

Detection Results

The following devices were newly detected.
Please get the further setting information of the target devices by [Start] button.

Input Username and Password to access the devices.

Camera: Username admin / Password •••••••
Recorder: Username ADMIN / Password •••••••
Others: Username / Password

☑ Show the entered characters for Password as it is.
☑ Use this settings next time

Total : 9

Start

4. Main (Home) Screen

(a)<Basic mode / Professional mode> common function

(i) [Hamburger Icon] Switch between icon display and detailed display of the operation menu.
(ii) [Select Menu] Select function menu.
(iii) [Change IP Address] Set the IP address of the device.
(iv) [Administrator Registration] Perform the initial settings of the device administrator.
(v) [Download Files] Perform device settings / log file download
     (You can also create a configuration report)
(vi) [Upload Files] Upload the setting file to the device.
(vii) [Update Firmware] Update the firmware on the device.
(viii) [Camera Restart] Restart the cameras.

(b)<Professional mode> dedicated function

(i) [Configure Cameras] Set multiple cameras from one unit.
(ii) [Configure Recorders] Configure recorder settings (offline)
     (Use the basic mode "Upload Files" to send settings to the device.)
(iii) [Send a CGI List] Send CGI list to device
(viii) [Camera Reset / Restart] Initialize / restart the cameras.
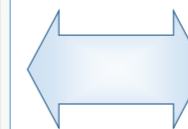(ix) [Status of Cameras] Retrieves / displays of camera operating status.

(c) Operation menu

(i) (ii) (iii) (iv) (v) (vi)

(i) [Auto Device Detection] Devices on your own / other subnets can be detected and added
(ii) [Manual Device Addition] Add cameras (offline)
(iii) [Reload] Update the device list / thumbnail image view.
(iv) [Credential Settings]
     Change Username and Password to access the devices.
(v) [Delete Devices] Delete the devices specified in the device list.
(vi) [Notice] If there is notification, it will be displayed at the bottom right of the screen.

Please note that the function for changing the settings of devices such as cameras and recorders is in "professional" mode so that you will not accidentally change the detailed settings of your device.

i-PRO Configuration Tool

Select Menu
Change IP Address
Administrator Registration
Configure Cameras (i)
Configure Recorders (ii)
Send a CGI List (iii)
Download Files (v)
Upload Files (vi)
Update Firmware (vii)
Camera Reset / Restart (viii)
Status of Cameras (ix)

Recorder / Decoder

Main / Error List

	Message	IP address	Model	Camera title	MAC Addre
1	Administrator of the device is not registered. Register Administrator user.	192.168	WV-S2131L	WV-S2131L	
2	Administrator of the device is not registered. Register Administrator user.	192.168	X4571L	WV-X4571L	
3	Administrator of the device is not registered. Register Administrator user.	192.168	SPN310AV	WV-SPN310AV	
4		192.168	WJ-NX100		
5		192.168	WV-S2131	WV-S2131	
6		192.168	WV-SW598	WV-SW598	

Selected / Registered devices : 1/6

Right clicking the text in red will display the menu to resolve the error

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. (Uncommunicated device)
Failover	🟡	The operation is currently running in the failover mode.

ONVIF® conformant devices are displayed in the "ONVIF conformant Device" tab.

The following ONVIF compliant devices have been confirmed to work with this software.
    AXIS: M1135, M3047-P, M3066-V, M5065, P1378, P1455-LE, Q1614
    Hanwha: PNO-A6081R, PND-A6081RV, QNB-6002, QNF-8010, XNF-8010R

Operation menu will be shown on the right side of the main screen.

Professional mode

Basic mode

Download Files

◉ Download Files
It is possible to download the selected files. When [Start] button is clicked, Download Files will be started. Are you sure to continue?
* Please use the "Log Files" only when the manufacturer requests to send the log.

☑ Configuration Files
☐ JPEG still images (For cameras only)
☐ Log Files

○ Create a new Report of the Device List and Image View.

Upload Files

Select "Category" of the devices to which the configuration files is to be uploaded. When [Start] button is clicked, Upload Files will be started. Are you sure to continue?

Category
Recorder Configuration File

File name

☐ Overwrite network settings.

Update Firmware

Select firmware folder
Folder

Configure Cameras

Basic
  Basic
Image/Audio
  Image

Camera title
WV-S1112ああ

Camera title on screen display
Off

Camera title on screen

Date/time setting display
24h

OSD Position
Upper left

Upper left

Language
Auto

Upside-down

Date/time PC Time

Date/time display format
Mmm/DD/YYYY

Configure Recorders
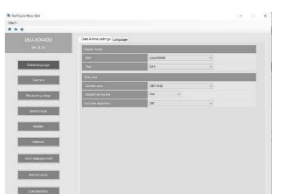
Preface

i-PRO Configuration Tool 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.

Descriptions are based on the assumption that Microsoft® Windows® 10 Pro. In addition, the screens shown in this manual may include the previous versions within the scope of the explanation.

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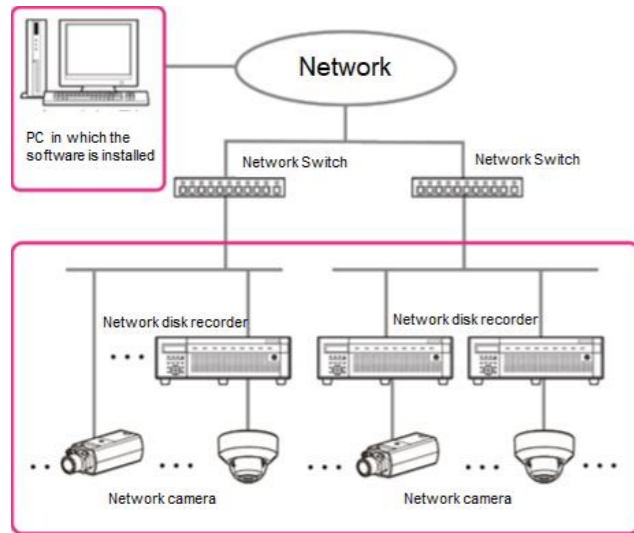
It is recommended to install this software on a PC that meets the following system requirements.

OS*1	Microsoft® Windows® 11 Pro 64-bit *2, *3
	Microsoft® Windows® 11 Pro 32-bit *3
	Microsoft® Windows® 10 Pro 64-bit *2, *3
	Microsoft® Windows® 10 Pro 32-bit *3
CPU	Intel® Core™ i5 2.5 GHz of faster
Memory	8 GB or more
Required hard disk space	250 MB of disk space is necessary for installation of this software. *4 Microsoft® .NET Framework 4.8 and Microsoft® Visual C++ Redistributable Packages for Visual Studio 2005, Visual Studio 2013 and Visual Studio 2015-2022 are required to run this software. When they are not installed on a PC, additional 5 GB of disk space is necessary for installation.
Monitor	1,280 x 800 pixels or more, 24-bit True color or more
Network interface	Network interface card (100 Mbps or higher) must be installed. *5

*1: This software is designed based on the default style or the font size of 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: Operates in WOW64 (32-bit mode).
*3: Supports "Desktop Mode" only.
*4: It is necessary to prepare other disk space exclusively as storage for files downloaded from the devices in addition to the required disk space for installation of this software.
*5: The network settings on the PC must meet those of the network environment where the PC is connected.

Important:
- This software must be installed or started by an administrator of the PC. Otherwise, any problems will not be covered by the warranty.
- For installation, be sure to execute it from "setup.exe" with the zip file fully expanded.
  It is not possible to install from a state where the contents are only visible with the without extracting the zip file.
- 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.
- When using other tools with automatic device detection function (Easy IP Setup Tool [EasyIpSetup.exe], WV-ASM300 etc.) at the same time, the device detection function of this software cannot be used.
- Enter 1-byte alphanumeric characters for user names. If 2-byte characters are included, installation may fail.

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The full text of the corresponding license terms is below.

Transfer/disposal

• Transfer this software according to the "Software License Agreement" to be displayed on the installation screen.

• When disposing of a PC on which this software has been installed, be sure to initialize the settings and uninstall this software. If this software is uninstalled without initializing the settings, there is a risk of information leakage due to the setting information being remained inside the PC. Even in the case of transfer or repair, carry out the above procedure as necessary.

• If the PC on which this software is installed or the storage device connected to the PC is to be passed to someone for transfer, disposal, repair and other reasons, pay careful attention to the data handled there, and it is your responsibility to transfer, dispose, and repair. When abandoning the storage media, it is recommended to destroy data physically after deleting it.

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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