

i-PRO Configuration Tool

Operation Flow

1. Start Up and Log in

2. Select mode / functions

Basic mode

- Change IP Address
- Administrator Registration
- Download Files
- Upload Files
- Update Firmware
- Camera Restart

You need to select functions what you would like to perform.

Professional mode

- Change IP Address
- Administrator Registration
- Download Files
- Upload Files
- Update Firmware
- Camera Reset / Restart
- Configure Cameras
- Configure Recorders
- Send a CGI List
- Certification Management
- Ext. Software Management
- 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]



2. Select mode / functions

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

3. Device detection and connection

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

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> 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
- (iv)[Certification Management] Manage certification for devices.
- (v)[Ext. Software Management] Configure extension software / license settings.
- (vi)[Camera Reset / Restart] Initialize / restart the cameras.
- (vii)[Status of Cameras] Retrieves / displays of camera operating status.

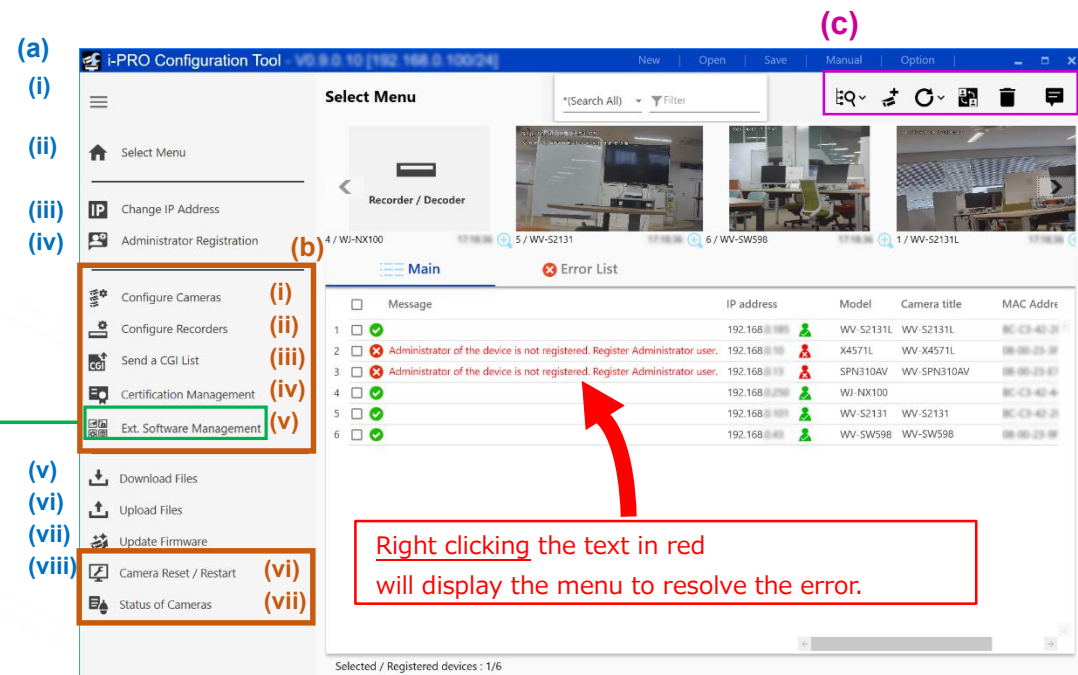
(c) Operation menu



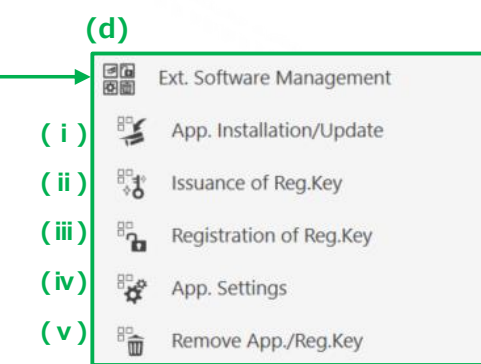
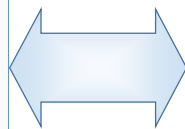

- (i) (ii) (iii) (iv) (v) (vi)










- (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.



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



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.
Communication Status	 Devices under <u>HTTPS</u> communication status. (There is no icon for HTTP communication status)

(d) Sub menu of "Ext. Software Management"

- | | |
|------------------------------------|---|
| (i) [App. Installation/Update] | Install / update the Ext. Software
Download the latest version of "Extension software Package *2 and unzip it. Specify the unzipped folder in the Folder field. |
| (ii) [Issuance of Reg. Key] | Issue a Reg. Key (Registration Key)
Issue a Reg. Key by entering the obtained Activation Key No./Registration ID and enter the User ID/Password of Key Management System *3. |
| (iii) [Registration of Reg. Key] | Register the issued the Reg. Key |
| (iv) [App. Settings] | Configure the application settings |
| (v) [Remove App./Reg. Key] | Delete the application / Reg. key |


*2 : Please obtain the Extension Software Package from the following URL.
<https://i-pro.com/global/en/surveillance/tools/ict>

*3 : This function will be not available in case of maintenance of Key Management System or network failure.

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

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

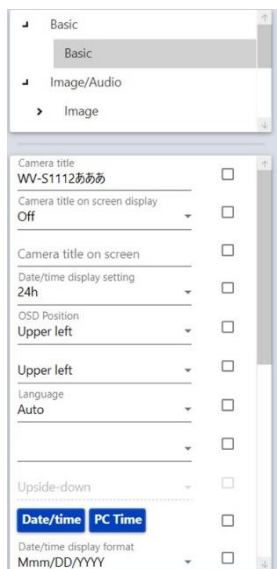
Update Firmware

Select firmware folder

Folder



Configure Cameras



Configure Recorders



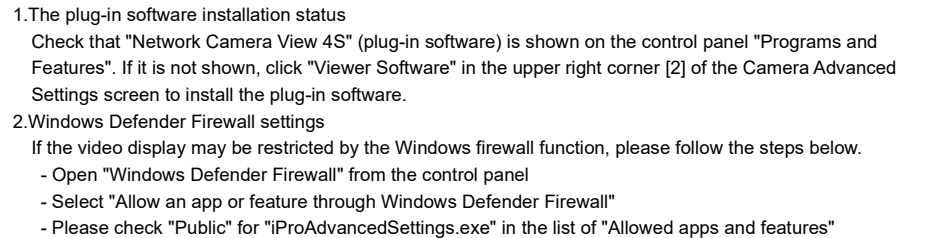
ONVIF® conformant devices are displayed in the “ONVIF conformant Device” tab.

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

In case of Stream video (1)-(4) is not displayed on the Camera Advanced Settings screen or Expansion Software Settings screen. (If the screen remains black as shown in [1] below), please check the following two points.



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.

Diagram illustrating a network topology for a security system:

- A central **Network** cloud is connected to two **Network Switch** units.
- The left **Network Switch** is connected to a **PC in which the software is installed** (highlighted in a pink box) and a **Network disk recorder**.
- The right **Network Switch** is connected to another **Network disk recorder**.
- Each **Network disk recorder** is connected to two **Network camera** units.

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 or faster
Memory	8 GB or more
Required hard disk space	250 MB of disk space is necessary for installation of this software. ¹⁴ 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. ¹⁵

- *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.

- 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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Collection of Usage Data

This software may collect data about utilization of this software and send it to i-PRO Co., Ltd. In particular, we use this data to improve our products and services. You can stop this data collection by unchecking "Send anonymous data to improve this software and user experience." checkbox.

The following is an example of the data collected by this software. We do not collect data about your personal information.

- Part number detected by this software and the operating status of each device
- Basic information of the PC on which this software is running (OS type / locale information / memory / screen size)
- Operating status of this software

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.

About "Grid Display" function

The grid display function is for viewing angle adjustment for some extension software.

Appropriate object size is published on our website<Control No.: C0320>.



<https://i-pro.com/global/en/surveillance/training-support/support/technical-information>

Note: In case of using in Japan, please refer the following.

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