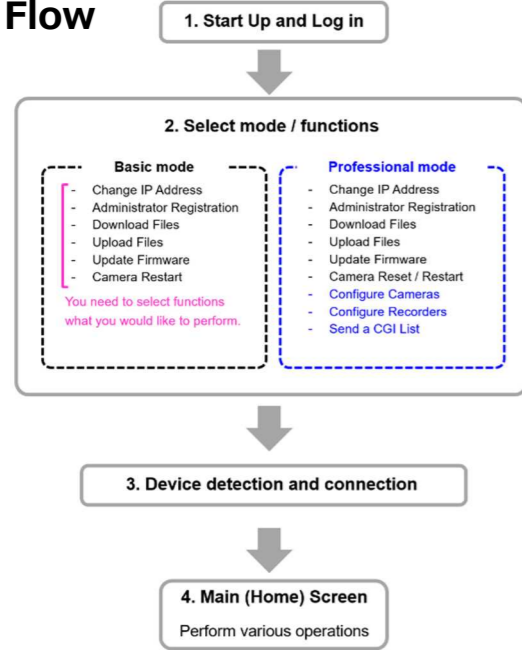


i-PRO Configuration Tool

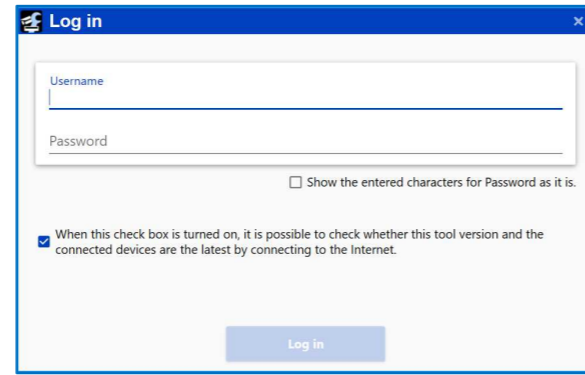
Operation Flow



1. Start Up and Log in

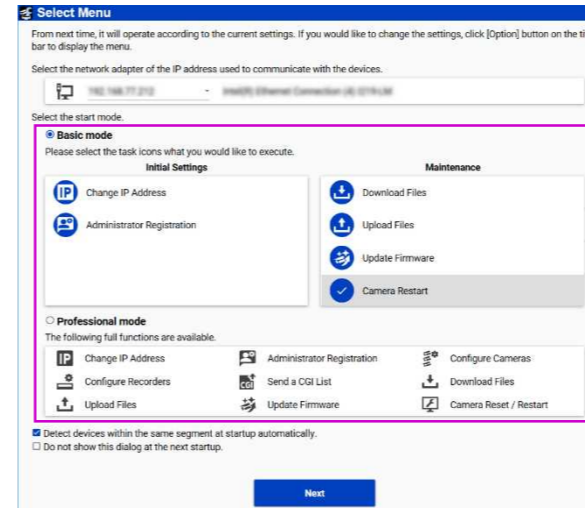


Start Menu on Windows OS -> [Panasonic] -> [i-PRO Configuration Tool]



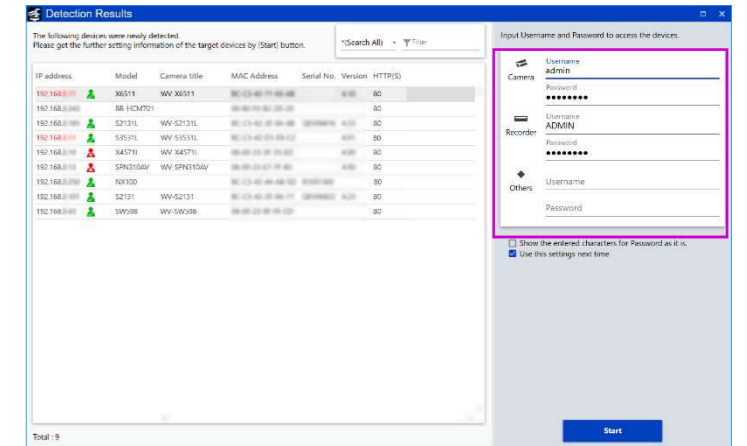
2. Select mode / functions

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

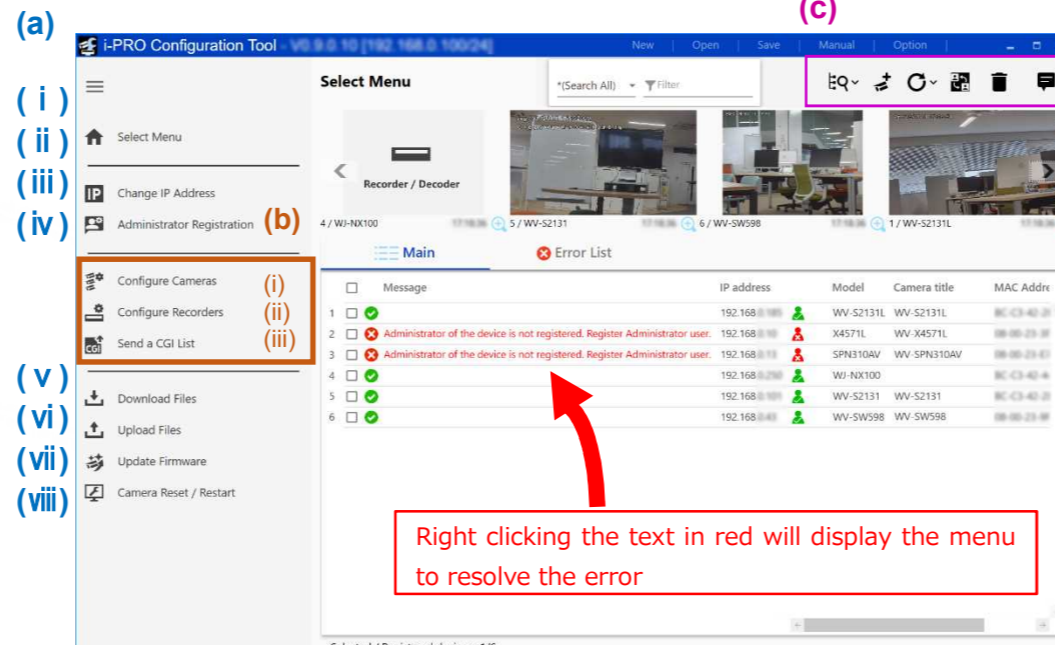


3. Device detection and connection

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> 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.

(c) Operation menu

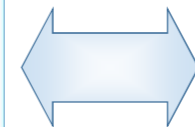


- (i) [Auto Device Detection] Devices on your own / other subnets can be detected and added
- (ii) [Manual Device Addition] Add cameras (offline)
- (iii) [Reload] Update the device list / thumbnail image view.
- (iv) [Credential Settings] Change Username and Password to access the devices.
- (v) [Delete 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.

| Item | Description |
|-----------------------------------|--|
| Common to Processing devices | Waiting order to start communication with the device. |
| | Processing the device is in progress. |
| | Processing the device completed successfully. |
| | Processing the device was failed. |
| Administrator Registration Status | Administrator <u>already registered</u> devices. |
| | Administrator <u>not registered</u> devices. |
| | Administrator state unknown devices (Uncommunicated devices) |
| Failover | The operation is currently running in the failover mode. |

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



Professional mode

Basic mode

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?

Configuration Files
 JPEG still images (For cameras only)

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

Image/Audio

Image

Camera title: WV-S112あああ

Camera title on screen display: Off

Camera title on screen: _____

Date/time display setting: 24h

OSD Position: Upper left

Upper left: _____

Language: Auto

Upside-down: _____

Date/time display format: Mmm/DD/YYYY

Configure Recorders

Recorder settings configuration screen.

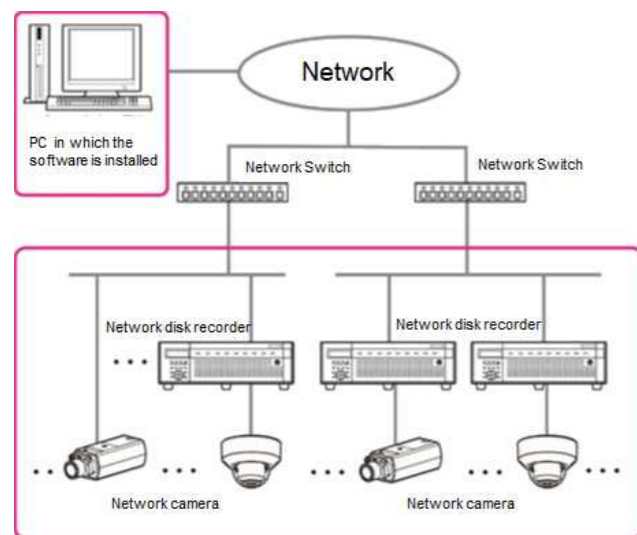
Preface

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.

System configuration diagram



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

| | |
|--------------------------|---|
| OS*1 | Microsoft® Windows® 10 Pro 64-bit *2, *3 Microsoft® Windows® 10 Pro 32-bit *3 Microsoft® Windows® 8.1 Pro 64-bit *2 Microsoft® Windows® 8.1 Pro 32-bit |
| CPU | Intel® Core™ i5 2.5 GHz or faster |
| Memory | 4 GB or more |
| Required hard disk space | 90 MB of disk space is necessary for installation of this software. 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 24-bit True color or better |
| Network interface | 10/100 Mbps Network interface card 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 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. 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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- (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.

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- 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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