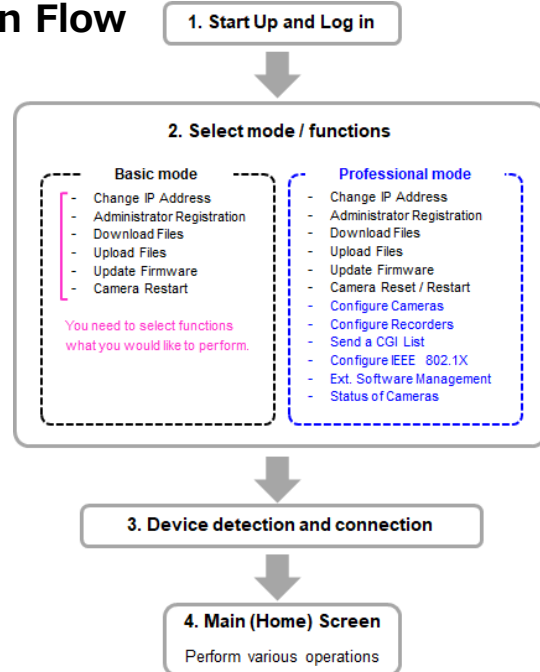


i-PRO Configuration Tool

Operation Flow



1. Start Up and Log in



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

Log in

Username
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

Camera Reset / Restart

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

- Change IP Address
- Administrator Registration

Maintenance

- Download Files
- Upload Files
- Update Firmware
- Camera Restart

Professional mode

The following full functions are available.

- Change IP Address
- Configure Recorders
- Extension Software Settings
- Update Firmware
- Administrator Registration
- Send a CGI List
- Camera Reset / Restart
- Configure Cameras
- Configure IEEE 802.1X
- Upload Files

☒ 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.

IP address	Model	Camera title	MAC Address	Serial No.	Version	HTTP(S)
192.168.1.101	X6511	WV-X6511	8C-C3-42-23-80-80	80	80	
192.168.1.102	BB-ICM701		8C-C3-42-23-80-80	80	80	
192.168.1.103	S2131L	WV-S2131L	8C-C3-42-23-80-80	401	401	
192.168.1.104	S331L	WV-S331L	8C-C3-42-23-80-80	401	401	
192.168.1.105	X4571L	WV-X4571L	8C-C3-42-23-80-80	401	401	
192.168.1.106	SPN310AV	WV-SPN310AV	8C-C3-42-23-80-80	401	401	
192.168.1.107	NX100	WV-NX100	8C-C3-42-23-80-80	401	401	
192.168.1.108	S2131	WV-S2131	8C-C3-42-23-80-80	80	80	
192.168.1.109	SW598	WV-SW598	8C-C3-42-23-80-80	80	80	

Total: 9

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.

Start

(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)[Configure IEEE802.1X] Manage 802.1x certificates for devices.
- (v)[Ext. Software Management] Configure extension software / license settings.
- (vii)[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.

4. Main (Home) Screen

(a) (i) (ii) (iii) (iv) (v) (vi) (vii) (viii) (ix)

I-PRO Configuration Tool V0.9.0.10 [192.168.0.100/24]

Select Menu

Recorder / Decoder

Main

Error List

Message	IP address	Model	Camera title	MAC Addr
1 [i] [ii] [iii] [iv] [v] [vi] [vii] [viii] [ix]	192.168.1.101	WV-S2131L	WV-S2131L	8C-C3-42-23-80-80
2 [i] [ii] [iii] [iv] [v] [vi] [vii] [viii] [ix]	192.168.1.102	X4571L	WV-X4571L	8C-C3-42-23-80-80
3 [i] [ii] [iii] [iv] [v] [vi] [vii] [viii] [ix]	192.168.1.103	SPN310AV	WV-SPN310AV	8C-C3-42-23-80-80
4 [i] [ii] [iii] [iv] [v] [vi] [vii] [viii] [ix]	192.168.1.104	WV-NX100	WV-NX100	8C-C3-42-23-80-80
5 [i] [ii] [iii] [iv] [v] [vi] [vii] [viii] [ix]	192.168.1.105	WV-S2131	WV-S2131	8C-C3-42-23-80-80
6 [i] [ii] [iii] [iv] [v] [vi] [vii] [viii] [ix]	192.168.1.106	WV-SW598	WV-SW598	8C-C3-42-23-80-80

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

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

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

Update Firmware

Select firmware folder

Folder: _____

Configure Cameras

Configure Cameras

Basic

Image/Audio

Image

Camera title: WV-S1112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: PC Time

Date/time display format: Mmm/DD/YYYY

Configure Recorders

Configure Recorders

Recorder Configuration

Recorder title: _____

Recorder title on screen display: Off

Recorder title on screen: _____

Date/time display setting: 24h

OSD Position: Upper left

Upper left: _____

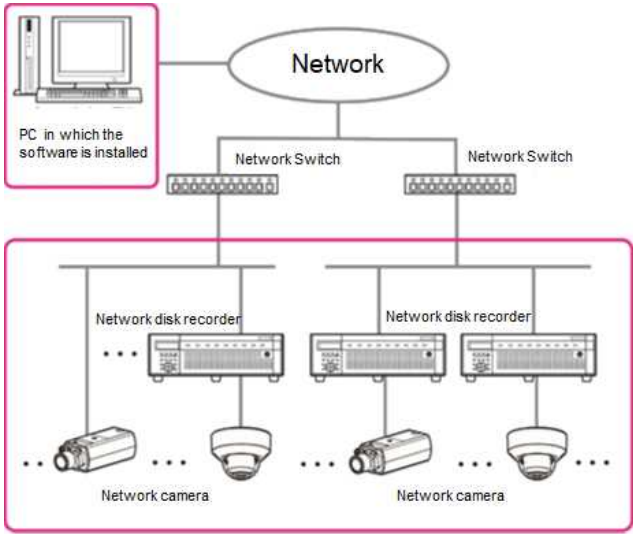
Language: Auto

Upside-down: _____

Date/time: PC Time

Date/time display format: Mmm/DD/YYYY

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. ^{*4} 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 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. 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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(2)Use of this product for illegal operations by persons with malicious intent
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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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- 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.

For U.S. and Canada:

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