Panasonic

Administrator Console

Operating Instructions

Model Nos. WJ-ND200K
WJ-ND200K/G

Before attempting to connect or operate this product,
please read these instructions carefully and save this manual for future use.

The model number is abbreviated in some descriptions in this manual.

Contents

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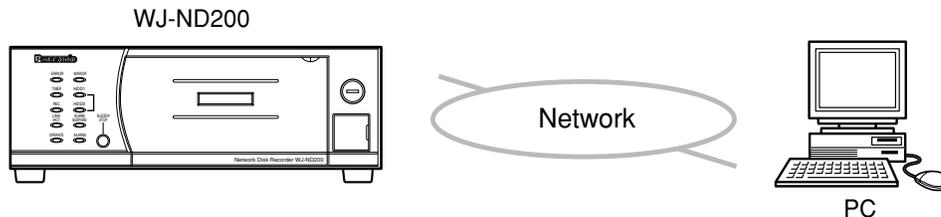PUBLICATION AND/OR THE CORRESPONDING PRODUCT (S).

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    FOR THE PURPOSE OTHER THAN SURVEILLANCE

Features

The WJ-ND200 Administrator Console is the exclusive setup tool for the Network Disk Recorder WJ-ND200.
By using this software, it is possible to perform the settings of the network disk recorder using a PC via a network.
It is also possible to download the setting values and save it as a setup file, and upload the edited setup file to the network disk recorder.
This software is applicable for version 1.1 or later of the WJ-ND200.

WJ-ND200

Network

PC

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System requirements for a PC

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

OS: Microsoft® Windows Vista® 32-bit
Microsoft® Windows® XP Professional SP2
Microsoft® Windows® XP Home Edition SP2
Note: It is required that Microsoft .NET Framework 1.1 or later is installed on the PC being used to activate this software. (If Microsoft .NET Framework 1.1 is not installed on a PC, it will be installed automatically when installing this software.)

OS language: English, French, Spanish, German, Italian, Russian
CPU: Pentium® 4 3.0 GHz or faster
Memory: 1 GB or more (512 MB or more for Windows XP)
Monitor: 1 024 x 768 pixels or more, 16-bit HIGH color or better
Network interface: 10/100 Mbps Network interface card must be installed
Hard disk drive: Approx. 100 MB of available disk space for installation (Disk space of 250 MB is required when Microsoft .NET Framework is not installed)
Others: CD-ROM drive: It is necessary to read the operating instructions and use the software on the provided CD-ROM.
Adobe® Reader®: It is necessary to read the operating instructions on the provided CD-ROM.

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Notes:
- This software must be installed or started by the administrator. Otherwise, any problems will not be covered by the warranty.
- In these operating instructions, the settings are performed on Windows XP as examples.
- Refer to "Notes on Vista" (PDF) for further information about system requirements for PC and precautions when using Microsoft® Windows Vista®.

Preparations

It is necessary to complete the connections between a PC and the network disk recorder and perform the network settings of the PC and the network disk recorder respectively.

Connections

There are 2 methods to connect a PC and the network disk recorder:
- Connecting a PC and the network disk recorder directly
- Connecting a PC to the network disk recorder via a hub or a router

When connecting a PC to the network disk recorder, the required hardware and cables are different depending on the system configuration. Prepare before starting connection.
Refer to the Setup Instructions (PDF) of the network disk recorder for descriptions of how to perform the network settings.

Performing the network settings of the network disk recorder

Use the buttons on the front panel of the network disk recorder or a web browser on the connected PC to conform to the network settings to the network environment of the PC.
Refer to the Setup Instructions (PDF) of the network disk recorder for further information about the network settings.

Performing the network settings of a PC

Change the TCP/IP setting of the PC on which this software is to be installed to conform to the network settings of the network disk recorder.
It is required to set the IP address of the PC to "192.168.0.XX (a number from 2 to 254)" to access the network disk recorder.
Refer to the Installation Guide (book) and the Setup Instructions (PDF) of the network disk recorder for descriptions of how to perform the network settings of a PC.

Installing This Software

Install this software as follows after completing the network settings of the network disk recorder and PC.

Step 1

Insert the provided CD-ROM into the PC disk drive.

Step 2

Double click "Setup.exe" in the "Admin" folder.
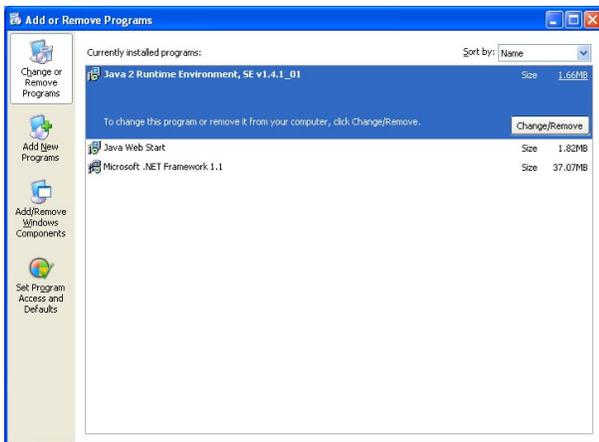The confirmation window will be displayed.

Step 3

Click the "OK" button and follow the installation wizard to install this software.
The "WJ-ND200 Administrator Console" folder will be created (C:\Program Files\Panasonic\WJ-ND200/WJ-ND200 Administrator Console) and the necessary files will be copied in it.

When installation is complete, the application will be added to "Programs" in "Start" and the shortcut will be created on the desktop.

Important:
Do not edit, remove, or move the directory path of the files above. Otherwise, this software may not function properly.

Notes:
- If Microsoft .NET Framework 1.1 or later is not installed on a PC, it will be installed automatically when installing this software.
  It is possible to check with "Control Panel" whether Microsoft .NET Framework 1.1 or later is installed on a PC or not.
  Open the "Change or Remove Programs" window by selecting "Add or Remove Programs" in "Control Panel".
  The installed applications will be displayed in list form.
  Check if "Microsoft .NET Framework 1.1 or later" is on the list or not.
- When re-installing this software is needed, the existing software must be uninstalled first.

Uninstalling This Software

Uninstall this software as follows, if necessary.

Step 1

Open "Add or Remove Programs" in "Control Panel".
The "Add or Remove Programs" window will be displayed.

Step 2

Select "WJ-ND200 Administrator Console" and click the "Remove" button.

Step 3

Follow the uninstall wizard.

Start the Software

Start just after the PC is started up.

Step 1

Select "WJ-ND200 Administrator Console" from the "Start" menu ("Start" - "All Programs" - "Panasonic" - "WJ-ND200" - WJ-ND200 Administrator Console") or double click the shortcut icon of "WJ-ND200 Administrator Console" on the desktop.
The software will start up.

Important:
Log in to the PC as an administrator before starting the software.

Screenshot 2

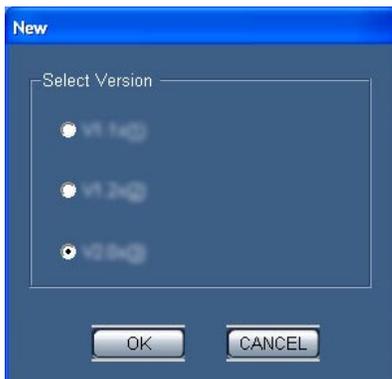The login window will be displayed.

Step 2

Enter the password.
The default password is "12345".
Refer to page 23 for how to change the password.

Step 3

Click the [OK] button.

Screenshot 3

Step 4

Select the version of the software to be configured.
The window to be displayed differs depending on version of this software.

Step 5

Click the [OK] button.

Screenshot 4

The top page of the operation window will be displayed.

Step 6

Perform the settings for each item.

Step 7

Click the [SET] button after completing the settings.

Step 8

Close the window by clicking the ✖ button at the top right of the window to exit the software.
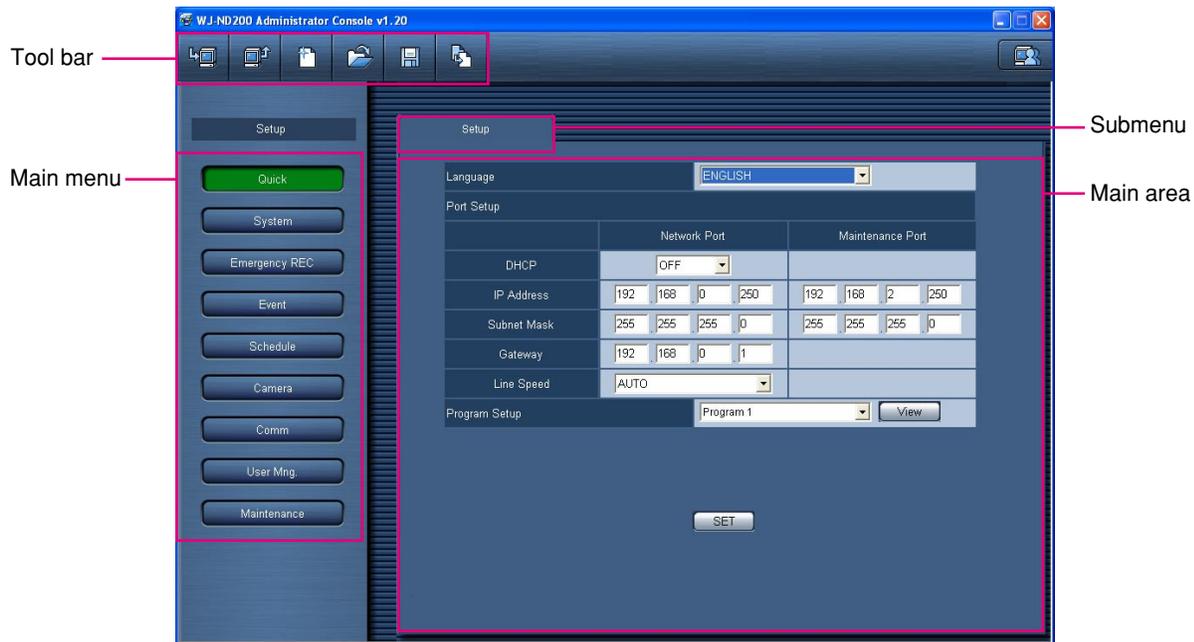

Note:

It is possible to check version of the setup menu by displaying the "Product Information" page of "Maintenance" on the setup menu using a web browser.

Refer to the Setup Instructions (PDF) of the network disk recorder.

When no camera is registered (no entry for the "MODEL/COMPRESSION" and "ADDRESS" of the Network Camera Registration" window), the "Setup" page of "Quick" will be displayed as the top page of the operation window.

When a camera is registered, the "Basic setup" page of "System" will be displayed as the top page.

About the Operation Window

Tool bar

[icon] : Click this button to download the setting values from the recorder. (page 13)

[icon] : Click this button to upload the setup file (setting values edited with this software) to the recorder. (page 15)

[icon] : Click this button to create to a new setup file. (page 18)

[icon] : Click this button to open the saved setup file. (page 19)

[icon] : Click this button to save the edited setting values. (page 20)

[icon] : Click this button to convert the setup file. The setup file of the recorder will be upgraded. (page 21)

[icon] : Click this button to change the login password. (page 23)
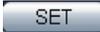
Main menu

Configure the settings of the recorder.
Refer to pages 11 - 12 for the settings that can be configured.

Submenu (tab)

When the selected menu contains the submenu page, the tab of the submenu will be displayed.

Main area

The submenu item (tab) of the selected main menu will be displayed.

[SET] : Click this button to apply the edited settings.

Setting Items

The tables below show the available setting items when using this software and when using a web browser respectively.
Refer to the Setup Instructions (PDF) of the network disk recorder.

Settings menu	This software	Web browser
Quick	Only "Language", "Port Setup" and "Program Setup" are operable. "Time & Date" and "Camera Auto Registration" are not operable.	Operable
System		
Basic Setup	Operable	Operable
Time & Date	Only the settings relating to time & date is operable. It is impossible to set the clock.	Operable
Emergency REC		
Emergency REC	Operable	Operable
Event		
Basic Setup	Operable	Operable
Terminal Setup	Operable	Operable
Site Alarm Setup	Operable	Operable
Schedule		
Time Table	Operable	Operable
Program	Operable	Operable
Special Days	Operable	Operable
Camera		
NW Camera Setup	Only "Network Camera Registration" is operable. "CAMERA" (rearrangement of the order of the cameras) is not operable. The thumbnail is not displayed.	Operable
Group Setup	Operable	Operable
Sequence Setup	Operable	Operable

Settings menu	This software	Web browser
Comm		
Basic Setup	Operable	Operable
DDNS Setup	Operable	Operable
Proxy Setup	Operable	Operable
SNMP Setup	Operable	Operable
NTP Setup	Operable	Operable
FTP Setup	Operable	Operable
Mail Setup	Operable	Operable
Panasonic Alarm Protocol	Operable	Operable
User Mng.		
Basic Setup	Operable	Operable
User Setup	Operable "Administrator Edit" and "User Edit/Delete" are operable on the "User Setup" window.	Operable
Host Setup	Operable "Host Edit/Delete" is operable on the "Host Setup" window.	Operable
User Level	Operable	Operable
Maintenance		
Product Information	"Version Information", "MAC Address" and "Serial Number" will be displayed. "Internal temperature" and "The number of Use Button Click" will not be displayed.	Operable
Disk Information	Not operable	Operable
Network Information	Not operable	Operable
Disk Setup	"Disk End Mode", "HDD Capacity Warning", "HDD Exchange Warning", "Warning for Disk Life Time", "HDD Auto Delete" are operable. "HDD Manual Delete" is not operable.	Operable
Save/Load	Not operable	Operable

* "Config." and "Help" are not operable using this software.

Download the Setting Values

Screenshot 1

Operate using the buttons on the tool bar on the operation window.

Step 1

Click the [Download] button on the tool bar.

Screenshot 2

The "Download" window will be displayed.

Step 2

Enter the address of the network disk recorder from which the setting values are to be downloaded.

Step 3

Enter the HTTP port number of the network disk recorder.

Step 4

Enter the Administrator password of the network disk recorder.

Step 5

When using a proxy server, check the "Use a Proxy Server" checkbox and enter the address and the port number.

Step 6

Click the [OK] button after completing the settings.

Screenshot 3

The "Download" window will be displayed.

Step 7

After confirming that the displayed address is correct, click the [Start Download] button.
Downloading of the setting values will start.

Screenshot 4

The "Download Completed" window will be displayed when download is completed.

Step 8

Click the [OK] button.

Important:

When download is started while the setup file is being edited, the following window will be displayed.

When the [Yes] button is clicked, the setup file currently being edited will be overwritten by the setting values to be downloaded.
When the setup file currently being edited is to be saved, click the [No] button to cancel downloading of the setting values. Save the edited setup file first and then start the download.

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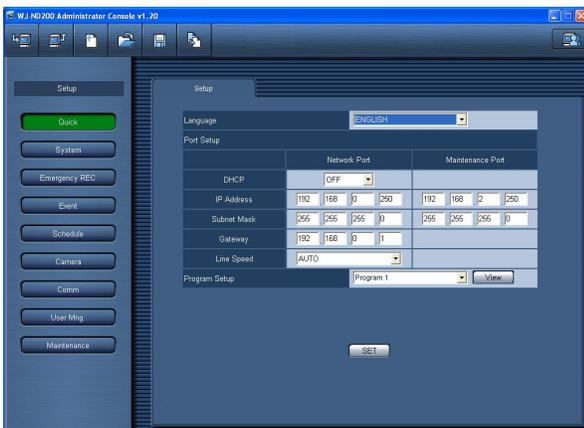
Upload the Setup File

Important:
- When trying to upload the setup file, entering the Administrator password of the network disk recorder will be required. Refer to the Setup Instructions (PDF) for further information.
- When the camera settings ("Camera" - "NW Camera Setup") are changed, there may be possibilities that images from the camera cannot be displayed. At the default setting, the setting values of "NW Camera Setup" are set as a masked item. (The setting values will not be uploaded.)
- When the network settings ("Comm" - "Basic setup") are changed, connection error may occur on the network disk recorder.
  At the default setting, the setting values of "Basic setup" are set as a masked item. (The setting values will not be uploaded. Refer to the next page for further information.)
- Do not upload the setup file to the same network disk recorder from two or more PCs simultaneously using this software. Otherwise, an error may occur on the network disk recorder.
- When the setting for "Line Speed" ("Comm" - "Basic setup" - "Line Speed") is changed, the network disk recorder will restart.
- It is impossible to upload the setup file during starting up the network disk recorder.

Screenshot 1

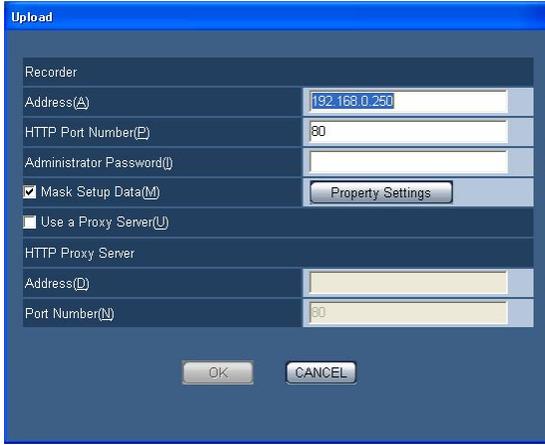Operate using the buttons on the tool bar on the operation window.

Step 1

Click the [Upload] button on the tool bar.

The "Upload" window will be displayed.

Upload

Recorder

Address(A)	192.168.0.250
HTTP Port Number(P)	80
Administrator Password(I)	
☑ Mask Setup Data(M)	Property Settings
☐ Use a Proxy Server(U)	

HTTP Proxy Server

Address(D)	
Port Number(N)	80

OK   CANCEL

Screenshot 3

The "Mask Setup" window will be displayed.

Mask Setup

Select Item

☑ Camera - NW Camera Setup

☐ Camera - Group Setup

☑ Comm - Basic Setup

☐ Comm - DDNS Setup

OK   CANCEL

Step 2

Enter the address of the network disk recorder to which the setup file is to be uploaded.

Step 3

Enter the HTTP port number of the network disk recorder.

Step 4

Enter the Administrator password of the network disk recorder.

Step 5

When any settings of the following items are not to be uploaded, check the "Mask Setup Data" checkbox and click the [Property Settings] button.

When all of the settings are to be uploaded, go to step 8 after confirming that the "Mask Setup Data" check box is not checked.

Step 6

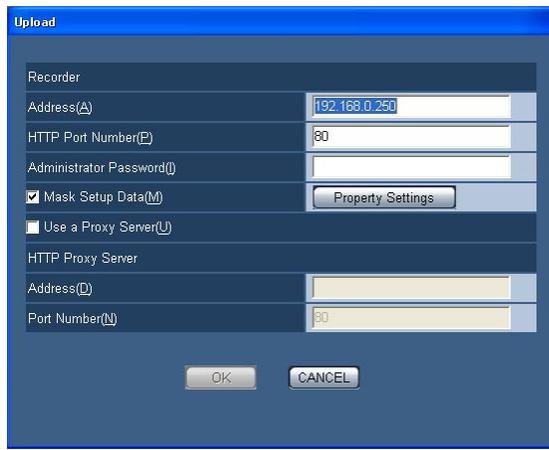Check the checkbox next to the setup item not to be uploaded.

Note:
At the default setting, the setting values of the "Camera"– "NW Camera Setup" and "Comm" – "Basic Setup" are set as a masked item.

Step 7

Click the [OK] button.

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Screenshot 4

The "Mask Setup" window will be closed.

Step 8

When using a proxy server, check the "Use a Proxy Server" checkbox and enter the address and the port number.

Step 9

Click the [OK] button after completing the settings.

Screenshot 5

The "Upload" window will be displayed.

Step 10

After confirming that the displayed address is correct, click the [Start Upload] button.
Uploading of the setup file will start.

Screenshot 6

The "Upload Completed" window will be displayed when upload is completed.

Step 11

Click the [OK] button.

Create a Setup File Newly

Create a setup file newly as follows. The default setting values will be applied for a newly created setup file.

Operate using the buttons on the tool bar on the operation window.

Step 1
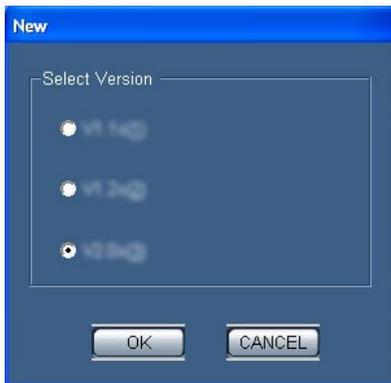
Click the [New] button on the tool bar.

The "New" window will be displayed.

Step 2

Select the version of the software.
The window to be displayed differs depending on version of this software.

Step 3

Click the [OK] button.
→ The setup file will be created newly and will the operation window will be displayed again.

Important:
When creating a new setup file while the other setup file is being edited, the following window will be displayed.

When the [Yes] button is clicked, the newly opened setup file will overwrite the setup file currently being edited (with the default setting values).
When the file currently being edited is to be saved, click the [No] button to cancel creation of a new setup file.
Save the edited setup file first and then create a new setup file.

Open the Setup File

Screenshot 1

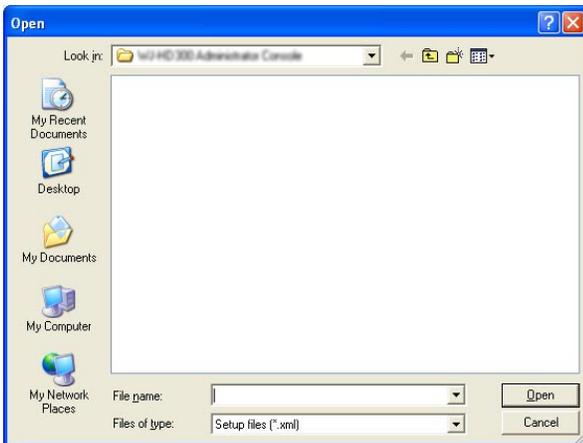Operate using the buttons on the tool bar on the operation window.

Screenshot 2

The "Open" window will be displayed.

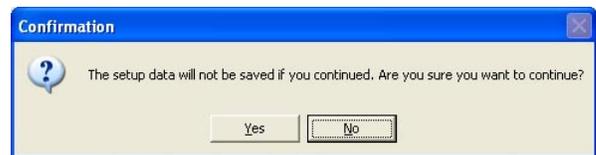

Step 1

Click the [Open] button on the tool bar.

Step 2

Select the desired setup file and click the [Open] button. The setup file will open and the operation window will be displayed.

Important:
When opening a setup file while other setup file is being edited, the following window will be displayed.

When the [Yes] button is clicked, the newly opened setup file will overwrite the setup file currently being edited.
When the setup file currently being edited is to be saved, click the [No] button to cancel to open the setup file. Save the edited setup file first and then open the desired setup file.

Save the Setup File

Screenshot 1
Operate using the buttons on the tool bar on the operation window.

Step 1
Click the [Save As] button on the tool bar after editing the setup file.

Screenshot 2
The "Save As" window will be displayed.

Step 2
Designate the file name and the directory where the file is to be saved.

Step 3
Click the [Save] button to save the setup file.
The setup file will be saved.

Notes:
- The setup file will be saved as an xml format file (extension: xml).
- The following characters cannot be used for a file name.
  \, /, :, *, ?, ", <, >, |

Important:
Do not edit the setup file using any other software such as a text editor. Otherwise, it may be impossible to open or upload the setup file with this software.
Any problem occurring which is caused by the edited setup file using other software is not covered by the warranty.

Convert the Version of the Setup File

Upgrade the version of the setup file as follows.

Screenshot 1

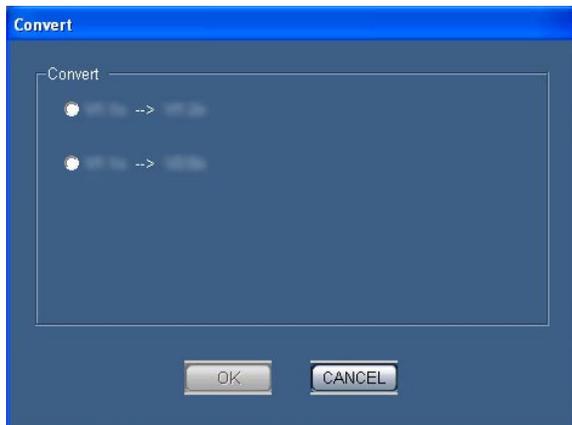Operate using the buttons on the tool bar on the operation window.

Step 1

Click the [Convert] button on the tool bar.

Screenshot 2

The "Convert" window will be displayed.

Step 2

Select the version of the setup file to be converted.
The window to be displayed differs depending on version of this software.

Step 3

Click the [OK] button.
→ The setup file will be saved.

Screenshot 3

The confirmation window will be displayed.

Step 4

Click the [Yes] button.
→ File conversion (setup file version upgrade) will start.

The following window will be displayed when completing the conversion.

Click the [OK] button.

Change the Password

Screenshot 1

Operate using the buttons on the tool bar on the operation window.

Step 1

Click the [Password] button on the tool bar.

Screenshot 2

The "Change Password" window will be displayed.

Step 2

Enter the current password in the "Old Password (O)" box.

Step 3

Enter the desired password to be used as a new password in the "New Password (N)" box.
Enter up to 8 alphanumeric characters.

Step 4

Enter the new password in the "Confirm New Password (C)" box for confirmation.

Screenshot 3

When the password is changed successfully, the following window will be displayed.

Step 5

Click the [OK] button.

Step 6

Click the [OK] button on the displayed confirmation window.

Error Messages

At startup

Message	Cause
Label.txt was not found.	The initial display setup file is broken. The broken part of the file will be displayed in English. Re-install this software to fix this problem.
Starting failure. The registry value may be changed. Please reinstall.	It may be possible that the registry values have been changed. Re-install this software to fix this problem.

When downloading/uploading

Message	Cause
Communication error.	It may be possible that the entered address is incorrect, connection to the network disk recorder has been disconnected, or no reply from the network disk recorder. Check if the entered address is correct or not. If the entered address is correct, check the connection of the network disk recorder. If it is possible to monitor live images using a web browser, it may be possible that timeout has occurred because the processing performance of the recorder has temporarily slipped. Check if alarm signals are being supplied continuously or not, and retry uploading.
Memory error.	Processing failed because of memory shortage. Close other applications and retry. If it fails again, restart the PC.
File error.	Check whether the write protection is applied for the folder in which this software is to be installed or not. Check also the available disk space. If this error occurs continuously, restart this software.
Incorrect password.	The entered Administrator Password of the network disk recorder is incorrect. Enter the correct Administrator Password.
Upgrade the setup menu of the WJ-ND200 to version 1.1 or later.	The setup file is about to be uploaded/downloaded to the WJ-ND200 whose setup menu version is older than version 1.1. Upgrade the setup menu of the WJ-ND200 to version 1.1 or later.
Since WJ-ND200 differs from the version of a setup under edit, it cannot upload.	This message will be displayed , for example, when trying to upload the setup file whose version is 1.1x to the WJ-ND200 whose version is 1.2x (or vice versa). Conform the version of the setup file to be uploaded to the version of the recorder.

When opening a file

Message	Cause
Cannot open setup file.	It is impossible to open the file because the file is corrupted.
Cannot open setup file. (Incorrect type (NTSC/PAL).)	It is impossible to open a file of this type since the television system (NTSC/PAL) is different.

Troubleshooting

Before asking for repairs, check the symptoms with the following table.
Contact your dealer if a problem cannot be solved even after checking and trying the solution or a problem is not described below, and when having a problem with installations.

Symptom	Cause/solution	Reference pages
Cannot access from this software.	• Is the Ethernet cable firmly connected to the 10/100 BASE-T port? Confirm the cable is firmly connected.	–
	• Is the connection indicator of the 10/100BASE-T port lit? When it is not lit, connection to a LAN is not established or a network is not working correctly. Confirm that the connection indicator of the 10/100BASE-T port is lit. Refer to a system administrator if it is not lit.	–
	• Is the valid IP address set? Refer to a system administrator for further information.	Operating Instructions/ Setup Instructions
	• Are you accessing the wrong IP address? Check the connection as follows: >ping "IP address of this unit" If there is a reply from this unit, 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? Refer to a system administrator for further information.	Operating Instructions/ Setup Instructions
	• Are there contradictions between the address and the network subnet to be accessed? Or is "Use Proxy Server" for the settings of the browser checked? When accessing this unit in the same subnet, entering the address of this unit in the "Don't Use Proxy For These Addresses" box is recommended.	Operating Instructions/ Setup Instructions

Symptom		Cause/solution	Reference pages
Cannot login.	▶	• Are the correct password entered? Confirm the correct password.	23
The installer started up at startup of this software, or the message window saying that it is necessary to re-install this software was displayed.	▶	• It may be possible that the initial setup files have been removed, edited, or moved from their original directory path. Re-install this software following the displayed instructions, or re-install after uninstalling the software.	6, 7