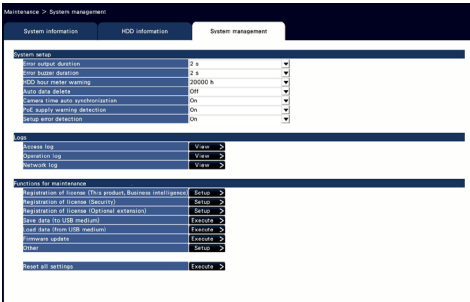


WJ-NX100/2E

New functions and revisions (Software V5.60)

The recorder will be able to provide the following new functions by updating the software.
It also contains the latest information related to the Operating Instructions.

Details on the new functions and revisions	Reference pages								
<p>Addition of description About the settings and operation of the recorder</p> <ul style="list-style-type: none"> Depending on the camera type, if you select a parameter that is not supported by the camera, a setup error will be detected. Check the setup items that show an error icon [⊗] on the setup screen. 	Page 4								
<p>Addition of description Change the registered information [Registered information] [Auto model number acquisition]</p> <p>Note:</p> <ul style="list-style-type: none"> Depending on the camera type, camera spec information may be obtained in addition to the model number. If there is a camera for which spec information has not been obtained, [⚠] will be displayed to the left of the item name, so perform Auto model number acquisition. 	Page 18								
<p>Change screen and Addition of description Configure the settings and operations relating to the system [System management]</p>  <p>[Setup error detection] Configure whether to detect errors when the recorder is set to a setting value that is not supported by the connected camera. On: Detect Off: Does not detect Default: On</p>	Page 74								
<p>Addition of items to the list of Setting items Maintenance>System management</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th style="text-align: left;">Setting item</th> <th style="text-align: left;">Available range</th> <th style="text-align: left;">Default</th> <th style="text-align: left;">Remarks</th> </tr> </thead> <tbody> <tr> <td>System setup Setup error detection</td> <td>Off, On</td> <td>On</td> <td>⊙</td> </tr> </tbody> </table>	Setting item	Available range	Default	Remarks	System setup Setup error detection	Off, On	On	⊙	Page 97
Setting item	Available range	Default	Remarks						
System setup Setup error detection	Off, On	On	⊙						
<p>Addition of items to the list of Error log.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th style="text-align: left;">Description</th> <th style="text-align: left;">Display of the status display panel</th> <th style="text-align: left;">Error log</th> <th style="text-align: left;">Output from connector</th> </tr> </thead> <tbody> <tr> <td>Setup error detection</td> <td>Setup error</td> <td>Setup error</td> <td>Recorder error</td> </tr> </tbody> </table>	Description	Display of the status display panel	Error log	Output from connector	Setup error detection	Setup error	Setup error	Recorder error	Page 101
Description	Display of the status display panel	Error log	Output from connector						
Setup error detection	Setup error	Setup error	Recorder error						
<p>Email notification Addition of description</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th style="text-align: left;">Indication</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td>Setup error detection</td> <td>SETUP ERROR</td> </tr> </tbody> </table>	Indication	Description	Setup error detection	SETUP ERROR	Page 200				
Indication	Description								
Setup error detection	SETUP ERROR								

WJ-NX100/2E

New functions and revisions (Software V5.20)

The recorder will be able to provide the following new functions by updating the software.

It also contains the latest information related to the Operating Instructions.

Details on the new functions and revisions	Reference pages
Addition of description Restrictions when using this product When registering the network camera of WV-X86530, WV-X86531 • The restrictions on the multi-sensor camera side are the same as the WV-S8544.	Page 6
Addition of description Restrictions when using this product When registering the Network Camera New S Series • The new S series cameras refer to the following part numbers [as of June 2023]. WV-S1136, WV-S1536L*, WV-S1536LN, <u>WV-S1536LT</u> , WV-S2136*, WV-S2136L, WV-S2236L, WV-S2536L*, WV-S2536LN, <u>WV-S2536LT</u> , WV-S2536LTN, WV-S61300, WV-S61301, WV-S61302, <u>WV-S65300</u> , <u>WV-S65301</u> , <u>WV-S65302</u> , WV-S65340 * Excluding U.S.A.	Page 2 of this leaflet
Addition of description Restrictions when using this product When registering a network camera of WV-S8543 series, WV-S8544 series, WV-S8563 series, WV-S8564 series, WV-S8573 series, WV-S8574 series, , <u>WV-S85402</u>, <u>WV-S85702</u>, <u>WV-U85402</u> • If you use the camera in Quad mode, Panorama mode or <u>Dual mode</u> , select blank for the part number option (☞page 25). For details on how to change the imaging mode, refer to the camera's instruction manual. If the camera's image capture mode is Quad mode, Panorama mode or <u>Dual mode</u> , the settings on the Camera Settings tab (☞page 25) and the camera operations (☞page 137) will not work properly.	Page 3 of this leaflet
Addition of description Restrictions when using this product When registering a network camera of WV-S15500 series, WV-S22500 series, WV-S25500 series, <u>WV-S61501</u>, <u>WV-S65501</u>	Page 4 of this leaflet

WJ-NX100/2E

New functions and revisions (Software V5.10)

The recorder will be able to provide the following new functions by updating the software.

It also contains the latest information related to the Operating Instructions.

Details on the new functions and revisions	Reference pages
<p>Addition of description Restrictions when using this product When registering the new U series of network cameras</p> <ul style="list-style-type: none">· If the recording frame rate is set to 60 ips/50 ips, the frame rate of the multi-screen display will drop to 10 ips/8.3 ips.· If the recording frame rate is set to 60 ips/50 ips, SD backup cannot be used.· The new U series cameras refer to the following part numbers [as of June 2022]. WV-U61300, WV-U61301, WV-U65300, WV-U65301, WV-U65302	Page 8
<p>Addition of description Restrictions when using this product When registering the Network Camera New S Series</p> <ul style="list-style-type: none">· The new S series cameras refer to the following part numbers [as of June 2022]. WV-S1136, WV-S1536L*, WV-S1536LN, WV-S2136*, WV-S2136L, WV-S2236L, WV-S2536L*, WV-S2536LN, <u>WV-S61301, WV-S61302, WV-S65340</u> <p>* Excluding U.S.A.</p>	Page 8

WJ-NX100/2E

New functions and revisions (Software V5.00)

The recorder will be able to provide the following new functions by updating the software.

It also contains the latest information related to the Operating Instructions.

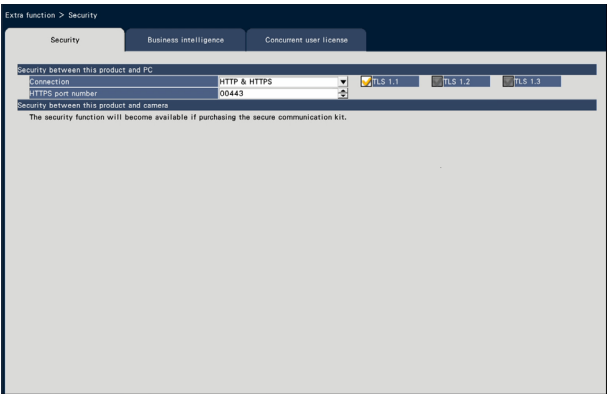
Details on the new functions and revisions	Reference pages
Company name change (Installation Guide, Important Information and Operating Instructions have been revised) The logo on the front cover and the company name on the back cover have been changed.	Front cover, back cover
Change of terminology (modified in the main body of the Operating Instructions) Panasonic alarm protocol has changed to TCP alarm notification.	All pages
Delete the description Delete the description of FTP from the Operating Instructions and Important Information.	Operating Instructions Page 49, 59, 60, 71, 76, 94, 96, 102, 161, 209, 210 Important Information Page 9, 19
Addition of description Restrictions when using this product When displaying live images from the camera · After settings are changed, it may take up to 10 seconds for the camera's live image to be displayed.	Page 5
Change of name Restrictions when using this product Panasonic Security Viewer → i-PRO Mobile APP	Page 7

Details on the new functions and revisions	Reference pages
<p>Addition of description Restrictions when using this product When registering a network camera of WV-S8543 series, WV-S8544 series, WV-S8563 series, WV-S8564 series, WV-S8573 series, WV-S8574 series</p> <ul style="list-style-type: none"> • Adjust the following setting values for each camera number of the same camera. <ul style="list-style-type: none"> - Camera authentication method - Compression method, image capture size, frame rate and resolution of camera images - Recording settings (audio compression method) - SD memory backup setting, smart coding (GOP control) setting - Security between this product and the camera (connection method, data encryption setting) • MJPEG cannot be selected as the image compression method. • SD memory backup is possible only when the image compression method is H.265 (1) and the image capture size is WQHD (2560×1440), FHD (1920×1080), 4M (1440×2560) and 2M (1080×1920). • Automatic IP address assignment is available only for cameras with the option "-1". (☞page 21) • If multiple camera numbers of the same camera are selected and the settings are sent, the settings may not be reflected. If an error occurs, select the camera number where the error occurred and send the settings again. (☞page 25) • You may not be able to set the vertical image capture size depending on the camera settings. • If you use the camera in Quad mode or Panorama mode, select blank for the part number option (☞page 25). For details on how to change the imaging mode, refer to the camera's instruction manual. If the camera's image capture mode is Quad mode or Panorama mode, the settings on the Camera Settings tab (☞page 25) and the camera operations (☞page 137) will not work properly. 	Page 8
<p>Addition of description Restrictions when using this product When registering a network camera of WV-S15500 series, WV-S22500 series, WV-S25500 series</p> <ul style="list-style-type: none"> • If the compression method is MJPEG and the resolution is larger than FHD (1920×1080), the upper limit of the frame rate for recording may be 2 ips or less depending on the settings on the camera side. 	Page 8
<p>Addition of description Restrictions when using this product When registering a network camera of WV-S15600 series, WV-S15700 series, WV-S22600 series, WV-S22700 series, WV-S25600 series, WV-S25700 series</p> <ul style="list-style-type: none"> • When the frame rate for recording is set to 30 ips/25 ips, the frame rate of the monitor display in multi-screen mode will be reduced to 15 ips/12.5 ips. • WV-S15700, WV-S22700 and WV-S25700 can be set to 4KUHD (3840×2160) or 8M (2160×3840) with a compression method of H.265 (smart coding is set to Off) at a resolution of 25 ips or higher: XF, and to H.264 at a resolution of 10 ips or higher: XF and SF. When set to 25 ips or higher resolution: SF, the bit rate exceeds 12 Mbps and SD memory backup will not work. In addition, changing to these settings during SD memory backup will not change the bit rate and thus will not allow proper recording. • If Stream 1 is set to 25 fps or 30 fps on the camera side, the frame rate for Stream 3 and Stream 4 recordings will be up to 15 ips. • If the image capture size of Stream 4 is HD (1280×720), the maximum frame rate of recording will be 15 ips. • If the compression method is MJPEG and the image capture size is larger than FHD (1920×1080), the upper limit of the frame rate for recording may be less than 3 ips, depending on the settings on the camera side. 	Page 8
<p>Addition of description [Start IP address] Note:</p> <ul style="list-style-type: none"> • If this product does not automatically assign an IP address to the camera, set a fixed IP address to the camera that can communicate with this product. 	Page 15

WJ-NX100/2E

New functions and revisions (Software V4.60)

The recorder will be able to provide the following new functions by updating the software.
It also contains the latest information related to the Operating Instructions.

Details on the new functions and revisions	Reference pages																
<p>Addition of description Restrictions when using this product</p> <p>When registering network cameras WV-S4156, WV-S4176, WV-S4556L, WV-S4576L</p> <ul style="list-style-type: none"> ●For WV-S4176 and WV-X4576L, if the recording mode is set to "1-screen PTZ" and the installation position is set to "Wall", the resolution cannot be set to 5M (2560x1920). ●For WV-S4176 and WV-X4576L, if the compression method is set to MJPEG and the resolution is set to 9M (2992 x 2992) or 5M (2192 x 2192), depending on the settings of the camera side, the upper limit of the recording frame rate could be 1 or 2 ips. ●If the settings of Super dynamic and Wide dynamic range are changed, a temporary camera communication error may cause. ●AI privacy guard recording is not supported. 	Page 8																
<p>Screen change Set the extra function [Extra function]</p> <p>TLS 1.3 Addition</p> 	Page 84																
<p>Addition of items to the list of Setting items.</p> <p>Extra function > Security</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th style="text-align: left;">Setting item</th> <th style="text-align: left;">Available range</th> <th style="text-align: left;">Default</th> <th style="text-align: left;">Remarks</th> </tr> </thead> <tbody> <tr> <td>Security between this product and PC</td> <td>TLS 1.3</td> <td>Check Yes/No</td> <td>Yes, fixed ◎</td> </tr> </tbody> </table>	Setting item	Available range	Default	Remarks	Security between this product and PC	TLS 1.3	Check Yes/No	Yes, fixed ◎	Page 89								
Setting item	Available range	Default	Remarks														
Security between this product and PC	TLS 1.3	Check Yes/No	Yes, fixed ◎														
<p>Addition of items to the list of Error log.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th style="text-align: left;">Description</th> <th style="text-align: left;">Display of the status display panel</th> <th style="text-align: left;">Error log</th> <th style="text-align: left;">Output from connector</th> </tr> </thead> <tbody> <tr> <td>The trial period for the ext. software of the camera has expired.</td> <td>Ext. S/W expired:Cam.cc</td> <td>Ext. software expired:Cam.cc</td> <td>Camera error</td> </tr> <tr> <td>Changed angle of the camera</td> <td>Changed angle:Cam.cc</td> <td>Changed angle:Cam.cc</td> <td>Camera error</td> </tr> <tr> <td>Recover angle of the camera</td> <td>—</td> <td>Recover angle:Cam.cc</td> <td>—</td> </tr> </tbody> </table>	Description	Display of the status display panel	Error log	Output from connector	The trial period for the ext. software of the camera has expired.	Ext. S/W expired:Cam.cc	Ext. software expired:Cam.cc	Camera error	Changed angle of the camera	Changed angle:Cam.cc	Changed angle:Cam.cc	Camera error	Recover angle of the camera	—	Recover angle:Cam.cc	—	Page 99
Description	Display of the status display panel	Error log	Output from connector														
The trial period for the ext. software of the camera has expired.	Ext. S/W expired:Cam.cc	Ext. software expired:Cam.cc	Camera error														
Changed angle of the camera	Changed angle:Cam.cc	Changed angle:Cam.cc	Camera error														
Recover angle of the camera	—	Recover angle:Cam.cc	—														

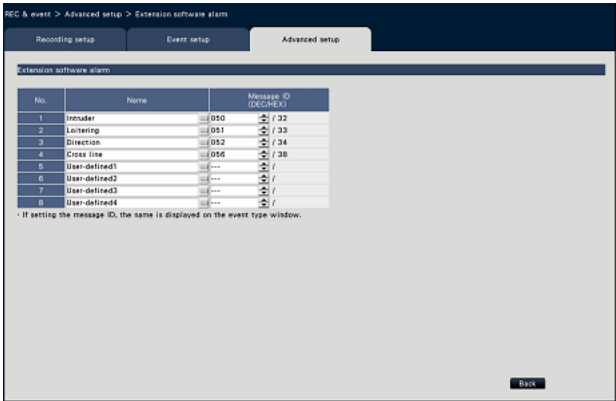
Details on the new functions and revisions		Reference pages
Email notification Addition of description		Page 200
Indication	Description	
Status	Changed angle:CAM xxx CHANGED FROM INSTALLATION ANGLE Recover angle:CAM xxx RECOVERED TO INSTALLATION ANGLE The trial period for the ext. software has expired: CAM xxx EXTENSION SOFTWARE TRIAL PERIOD EXPIRED	

WJ-NX100/2E

New functions and revisions (Software V4.50)

The recorder will be able to provide the following new functions by updating the software.

It also contains the latest information related to the Operating Instructions.

Details on the new functions and revisions	Reference pages
<p>Addition of description Restrictions when using this product When using AI privacy guard recording</p> <ul style="list-style-type: none"> Depending on the camera, the upper limit of the frame rate differs when AI privacy guard is set. For details, please refer to the operating instructions of the camera. 	Page 5
<p>Changes of description Restrictions when using this product When registering the network camera U series</p> <ul style="list-style-type: none"> The supported camera firmware is V1.10 or later. Cameras without "A" in the part number do not support H.264 function. Do not set H.264 as the compression method. Cameras without "A" in the part number do not support the security extension function. Do not set the connection method to HTTPS as the security settings between the recorder and the camera. U series cameras refer to the following product numbers [as of August 2021]. WV-U1130, WV-U1132, WV-U1142, WV-U1532L, WV-U1542L, WV-U2130L, WV-U2132L, WV-U2140L, WV-U2142L, WV-U2530L, WV-U2532L, WV-U2540L, WV-U2542L, WV-U1130A, WV-U1132A, WV-U1142A, WV-U1532LA, WV-U1542LA, WV-U2130LA, WV-U2132LA, WV-U2140LA, WV-U2142LA, WV-U2530LA, WV-U2532LA, WV-U2540LA, WV-U2542LA 	Page 7
<p>Description addition change Language tab [Language] 日本語/ English/ Français/ Español/ Deutsch/ Italiano/ Русский/ Português/ ไทย/ 簡體中文/ 繁體中文 Default: English</p>	Page 13
<p>Changes to the screen [Extension software alarm] Addition of setting change items (1~4)</p>  <p>Changes of description [Message ID] Select alarm message ID to be received as extension software alarms 1 to 8 in decimal number (000 to 255). Note:</p> <ul style="list-style-type: none"> 50, 51, 52, and 56 cannot be set. 	Page 49

Details on the new functions and revisions				Reference pages
List of setting items Changes of description Date/Language> Language				Page 86
Setting item	Available range	Default	Remarks	
Language	日本語/ English/ Français/ Español/ Deutsch/ Italiano/ Русский/ Português/ ไทย/ 简体中文/繁體中文 (Web browser: Japanese/ English/ Français/ Español/ Deutsch/ Italiano/ Russian/ Português/ Thai/ <u>Simplified Chinese</u> , <u>Traditional Chinese</u>)	English (Web browser: English)	◎	
List of setting items Changes of description REC & event> Advanced setup				Page 92
Setting item	Available range	Default	Remarks	
Extension software alarm	Message ID	000 to 255,---	No.1 : 50, No.2 : 51, No.3 : 52, No.4 : 56, No.5-8 : ---	◎
Changes of description Uninstall the viewer software Step 2 Select "WebVideo ActiveX NX 7" (the program to be deleted) from the presently installed programs, and then right-click on it.				Page 192
Changes of description How to use the viewer software Select "NX_Viewer" from the start menu ("All programs" — "Panasonic" — "Network Disk Recorder" — "NX_Viewer") or double-click the NX_Viewer icon on the desktop.				Page 193
Changes of description Troubleshooting				Page 207
Symptom	Cause/solution	Reference		
The following message is displayed on the information bar. "This site might require the following ActiveX control: 'wvasetupnx.exe' from 'Panasonic i-PRO Sensing Solutions Co., Ltd'. Click here to install..."	<ul style="list-style-type: none"> Click the information bar and select "Install ActiveX Control...". Click the "Install" button on the displayed "Security Warning" window. 	—		