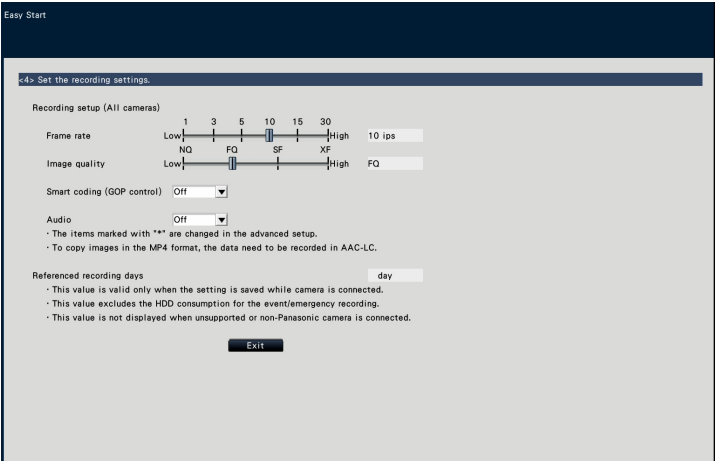


WJ-NX300K, WJ-NX300K/G New functions (Software V2.50)

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

Details on the new functions and revisions		Reference pages													
Restrictions has been added to section “ Restrictions when using this product ”.		Page 6													
When using viewer software <ul style="list-style-type: none">•The playback speed may become slow when playing back high resolution high frame rate images.															
Terminal output test function has been added.		Page 70													
<div><div>Maintenance > System management > Other</div><div><div>System information</div><div>HDD information</div><div>System management</div></div><div><div>Save maintenance data (to USB medium)</div><div>Execute</div></div><div><div>Synchronize the camera's time with this unit</div><div>Execute</div><div>The synchronizations will be proceeded after closing setup menu.</div></div><div><div>Synchronize the camera's settings with this unit</div><div>Execute</div><div>The synchronizations will be proceeded after closing setup menu.</div></div><div><div>Acquire the SD backup data from camera</div><div>Execute</div></div><div><div>Reboot this product</div><div>Execute</div></div><div><div>Boot this product in the board replacement mode.</div><div>After selecting the HDD operation mode, click the [Execute] button.</div><div>Operation mode of HDD Single mode</div><div>Execute</div><div>After the execution, turn off the power and then install a HDD.</div><div>After the execution, launch the board replacement mode only once.</div></div><div><div>Clear the maximum temperature record information.</div><div>Execute</div></div><div><div>Measure the network transmission/reception speed</div><div>Execute</div><div>The measurement will be proceeded after closing setup menu.</div></div><div><div>Terminal output test</div><div>Terminal Time adjustment output</div><div>Output duration 2 s</div><div>Execute</div><div>Back</div></div></div>															
[Terminal output test] <p>Outputs a signal from ALARM/CONTROL connector on the rear panel of the recorder.</p> <p>Terminal: Selects the terminal at which to output the signal.</p> <p>Test output duration: Select the duration over which the signal is output as 2 seconds, 5 seconds, or 10 seconds.</p> <p>The signal will be output from the selected terminal when executed from the confirmation screen that is displayed by clicking [Execute] button.</p>															
Smart coding function has been also added to “ Quick setup (Easy Start) ”.		Page 77													
<table><tr><th colspan="2">Setting item (including those of the "Advanced setup" menu)</th><th>Available range</th><th>Default</th></tr><tr><td>Recording setup (The same setting for all cameras)</td><td>Smart coding (GOP control)</td><td>Off, On (Advanced)</td><td>Off</td></tr></table>			Setting item (including those of the "Advanced setup" menu)		Available range	Default	Recording setup (The same setting for all cameras)	Smart coding (GOP control)	Off, On (Advanced)	Off					
Setting item (including those of the "Advanced setup" menu)		Available range	Default												
Recording setup (The same setting for all cameras)	Smart coding (GOP control)	Off, On (Advanced)	Off												
New setting items are added to the lists of the setting items as new functions have been added.		Page 89													
Maintenance>System management															
<table><tr><th colspan="2">Setting item</th><th>Available range</th><th>Default</th><th>Remarks</th></tr><tr><td rowspan="2">Function for maintenance</td><td>Terminal output test (Terminal)</td><td>Time adjustment output, Network error output, Camera error output, HDD error output/Recording error output, Recorder error output, Face matching output, Alarm output</td><td>Time adjustment output</td><td>◎</td></tr><tr><td>Terminal output test (Output duration)</td><td>2 s, 5 s, 10 s</td><td>2 s</td><td>◎</td></tr></table>		Setting item		Available range	Default	Remarks	Function for maintenance	Terminal output test (Terminal)	Time adjustment output, Network error output, Camera error output, HDD error output/Recording error output, Recorder error output, Face matching output, Alarm output	Time adjustment output	◎	Terminal output test (Output duration)	2 s, 5 s, 10 s	2 s	◎
Setting item		Available range	Default	Remarks											
Function for maintenance	Terminal output test (Terminal)	Time adjustment output, Network error output, Camera error output, HDD error output/Recording error output, Recorder error output, Face matching output, Alarm output	Time adjustment output	◎											
	Terminal output test (Output duration)	2 s, 5 s, 10 s	2 s	◎											

Details on the new functions and revisions	Reference pages
<p>Description has been changed in section “Sequence button” in “Wide view operation panel”</p> <p>Note:</p> <ul style="list-style-type: none"> When using the sub-monitor, it is not possible to display camera images in the 9-screen live sequence and the 16-screen live sequence in the case of a camera set to a resolution higher than 0.4M (640×640) and the compression method to JPEG (even when the 4-stream mode of the fisheye camera is H.264/H.265). 	Page 106
<p>Description has been changed in section “Download recorded images currently being played”, Important.</p> <p>Important:</p> <ul style="list-style-type: none"> Please register the address of this product to the trusted sites of Internet Explorer in advance. 	Page 181
<p>Description has been added in section “Download recorded images currently being played”, step 6.</p> <p>Note:</p> <ul style="list-style-type: none"> When the size of the file being downloaded exceeds 2GB, the file will be divided automatically, and the downloading is continued as a different file from the point at which the file division occurred. 	Page 182
<p>Smart coding function and audio function have been added to [Easy Start].</p>  <p>[Smart coding (GOP control)]</p> <p>Select when you use the smart coding (GOP control) function of the camera.</p> <p>On(Advanced) : Uses the smart coding.</p> <p>Off : Does not use the smart coding.</p> <p>Default : Off</p> <p>Refer to "readme.txt" for model numbers and version information of cameras that have the smart coding (GOP control) function.</p>	<p>Installation Guide</p> <p>Page 35</p>

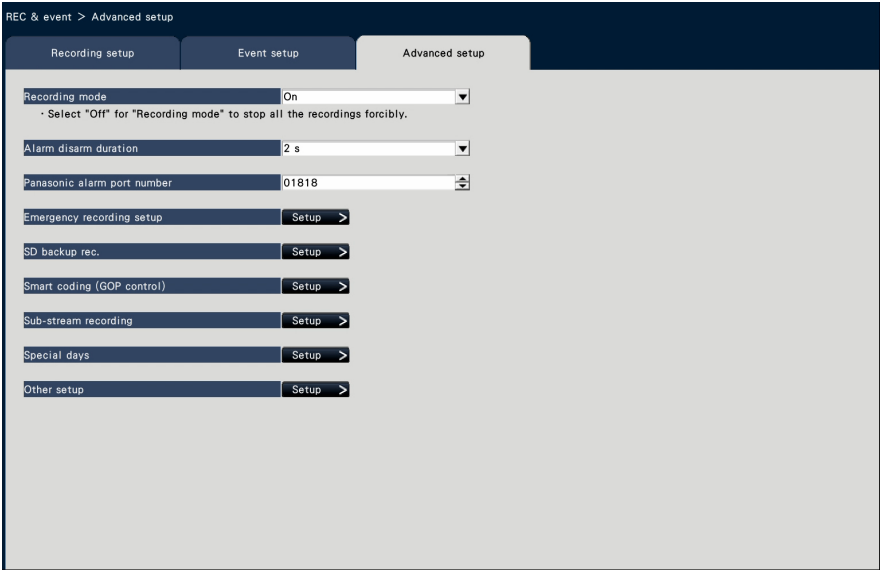
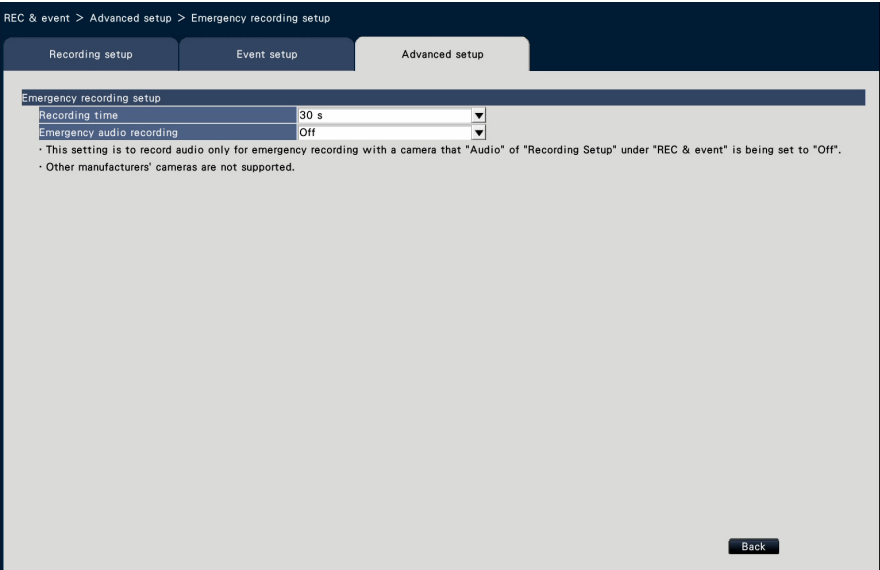
WJ-NXF02、WJ-NXF02W New functions (Software V2.50)

Details on the new functions and revisions	Reference pages
<p>Description has been changed in section “Face matching and statistical processing”.</p> <ul style="list-style-type: none"> Depending on the type of the camera and its software version, it is not possible to use this product if the connection method for “Security between this product and PC” is set as HTTPS. Please set this to HTTP&HTTPS. Refer to the "readme.txt" on the CD-ROM provided with recorder about the supported cameras. 	Page 5

WJ-NX300K, WJ-NX300K/G New functions (Software V2.40)

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

Details on the new functions and revisions	Reference pages
<p>Password function has been enforced.</p> <p>The password must be between 8-32 characters including the half width alphanumeric and the symbol. Also, for the password, use three or more types of characters from upper- and lowercase alphabetic characters, numbers, and symbols. Set a password which does not include the user name.</p>	Page 59
<p>Password function has been enforced.</p> <p>The password must be between 8-32 characters including the half width alphanumeric and the symbol. Also, for the password, use three or more types of characters from upper- and lowercase alphabetic characters, numbers, and symbols. Set a password which does not include the administrator name.</p>	Page 61
<p>Password function has been enforced.</p> <p>The password must be between 8-32 characters including the half width alphanumeric and the symbol. Also, for the password, use three or more types of characters from upper- and lowercase alphabetic characters, numbers, and symbols.</p>	Page 65

Details on the new functions and revisions	Reference pages
<p>Emergency recording function has been added.</p>  <p>[Emergency recording setup] Configure the settings related to emergency recording</p>  <p>[Emergency audio recording] If audio recording is not set for the camera, select whether to record audio only during emergency recording.</p> <ul style="list-style-type: none"> Off : Does not record audio even during emergency recording. On : Records audio only during emergency recording. (G.726 format) On (AAC-LC) : Records audio only during emergency recording. (AAC-LC format) <p>Note:</p> <ul style="list-style-type: none"> For cameras without audio recording, audio will not be recorded even when it is set to a value other than "Off". Depending on the timing when emergency recording is started, audio may be recorded at the end of the previous recording data just before the emergency recording. 	<p>Page 43</p>

Dynamic DNS/ DDNS function has been added.

The screenshot shows the 'Network > Basic' configuration page. It has tabs for 'Basic', 'e-Mail', 'Panasonic alarm protocol', and 'NTP/SNMP'. The 'Network Setup' section includes fields for IP address (192.168.0.250), Subnet mask (255.255.255.0), Default gateway (192.168.0.1), and Line speed (Auto). Below this is the 'DNS Setup' section with a 'DNS' dropdown set to 'Off', and fields for Primary server address, Secondary server address, and Domain name. The 'DDNS Setup' section has a 'DDNS' dropdown set to 'Dynamic DNS update', and fields for Host name (NWDR) and Access interval (1 h). At the bottom, there is an 'Other setup' link and an 'Advanced' button.

Page 51

■ DDNS Setup

Select the DDNS service to determine whether or not to use DDNS.

Off: Does not use the DDNS function.

Viewnetcam.com: Uses the "Viewnetcam.com" service.

Dynamic DNS update: Uses Dynamic DNS Update (RFC2136 compliant).

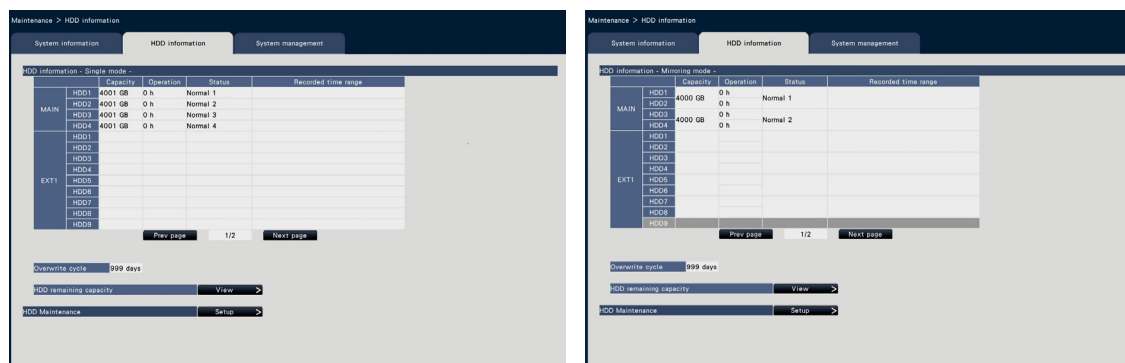
Default: Off

Important:

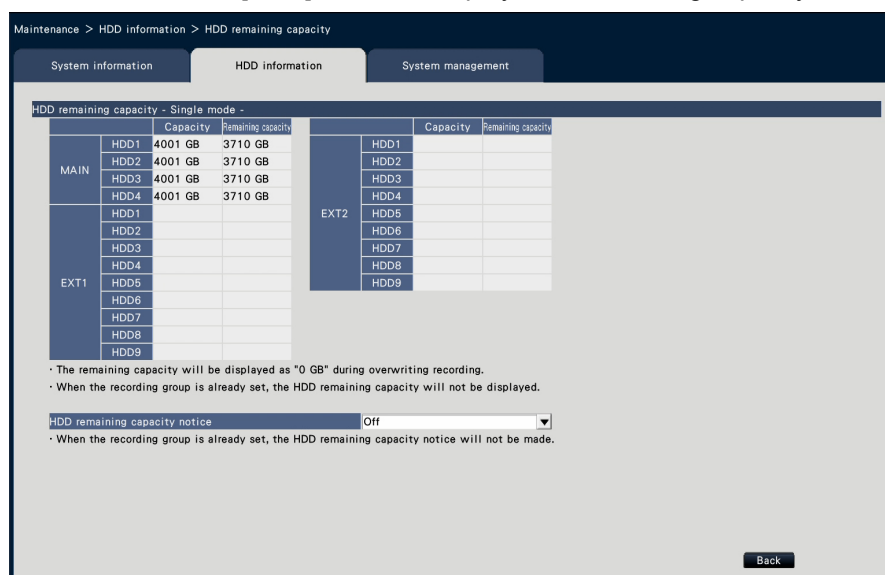
- If using a third party DDNS service, it is necessary to set the port forwarding for the router before use.
- About Dynamic DNS Update (RFC2136 compliant) Operation not using "Viewnetcam.com" service but using a third party DDNS service is not guaranteed. We are not responsible for any troubles or accidents on the circumstances where the camera is used arising out of such services. If using a third party DDNS service (not using the "Viewnetcam.com"), refer to the DDNS service provider for its configuration.

View HDD remaining capacity function has been added

Page 64

**[HDD remaining capacity]**

Displays remaining capacity of HDD. Also, the timing to notice when the capacity becomes low can be set. Click [View] button to display HDD remaining capacity.



Example above shows the screen for single mode.

[Capacity]

Displays the capacity of HDD.

[Remaining capacity]

Displays remaining capacity of HDD.

Note

- Remaining capacity displayed does not include capacity used to manage data. Therefore, the displayed HDD capacity is less than the actual amount.
- Remaining capacity will displayed as 0GB if the whole space of the HDD is used up by recording data.

[HDD Remaining capacity notice]

Set the notification timing for when the remaining capacity of HDD becomes low compared to the total capacity. There are E-mail notification and original notification.

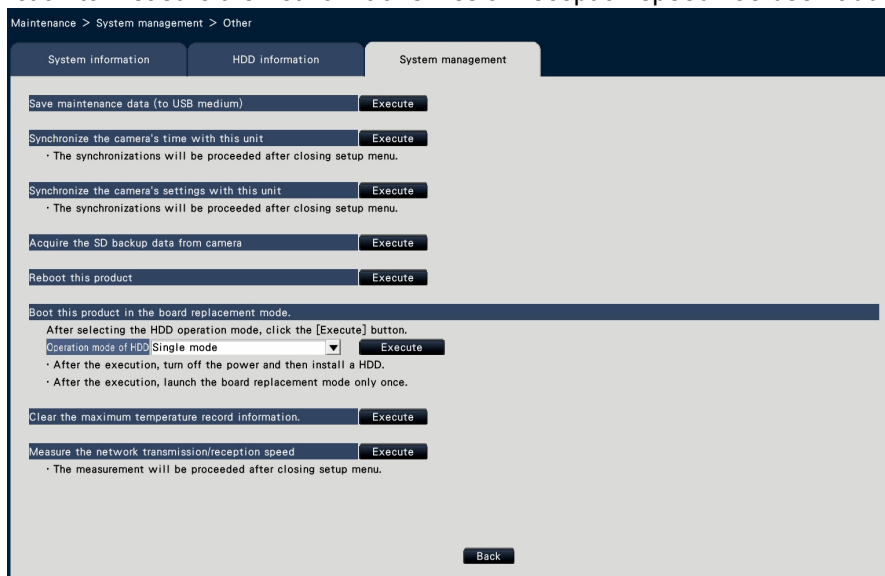
Off : Does not perform HDD remaining capacity notice.

1%~10% : Notifies when remaining capacity becomes below the set value.

Details on the new functions and revisions

Reference pages

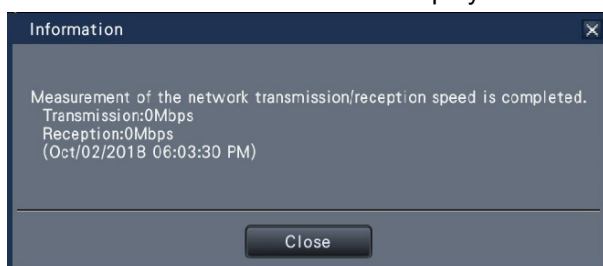
A function to measure the network transmission/reception speed has been added.



[Measure the network transmission/reception speed]

Used to measure the amount of network traffic transmitted from the recorder. Click the [Execute] button and execute from the confirmation window displayed. After configuration is completed, measuring starts.

The result of measurement will be displayed after measurement finishes.



Note

- Measurement is made from about 8 seconds after setting is done and will continue measuring for 10 seconds.
- Status display area of operation screen will display "Measuring" while measuring.
- The result of measurement is the sum of all network ports.
- The result of measurement is only for reference. It may differ depending on the network environment.

New setting items are added to the lists of the setting items as new functions have been added.

REC & event>Advanced setup

Setting item	Available range	Default	Remarks
Emergency recording	30 s, 1 min, 3 min, 5 min, 10 min, 15 min, 30 min, Manual, Ext.	30 s	⊙
Emergency audio recording	Off, On, On(AAC-LC)	Off	⊙

New setting items are added to the lists of the setting items as new functions have been added.

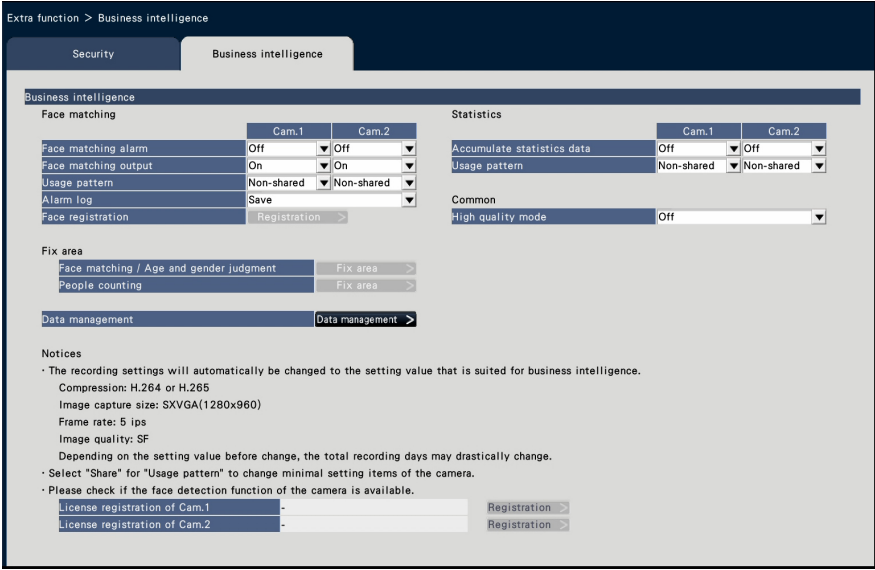
Monitor>Main monitor>Other setup

Setting item	Available range	Default	Remarks
Activate time-saving playback	Checked/Not checked	Not checked	⊙
Keep the aspect ratio for the full screen display (Except during live sequence)	Checked/Not checked	Not checked	⊙

Details on the new functions and revisions					Reference pages
New setting items are added to the lists of the setting items as new functions have been added. Network>Basic					Page 85
Setting item		Available range	Default	Remarks	
DDNS Setup	DDNS	Off, Viewnetcam.com, DDNS update	Off	◎	
	Host name (DDNS update)	(Text will be entered.)	NWDR	◎	
	Access interval (DDNS Update)	10 min, 20 min, 30 min, 40min, 50 min, 1 h, 6 h, 24 h	1 h	◎	
New setting items are added to the lists of the setting items as new functions have been added. Maintenance>HDD Information					Page 88
Setting item		Available range	Default	Remarks	
Remaining capacity		(Indication only)	(Indication only)	◎	
HDD remaining capacity notice		Off、1%、2%、3%、4%、5%、6%、7%、8%、9%、10%	Off	◎	
New setting items are added to the lists of the setting items as new functions have been added. Maintenance>System management					Page 89
Setting item		Available range	Default	Remarks	
Function for maintenance	Measure the network transmission/reception speed	(None).	(None)	◎	
Error Logs Added					Page 95
Description	Display of the status display panel	Error log	Front LCD Display	Output from connector	
HDD remaining capacity notice	-	HDD remaining capacity : 1% ~ HDD remaining capacity : 10%	-	-	
Warning mail Added					Page 194
Indication	Description				
	HDD remaining capacity notice : HDD CAPACITY REMAINS ***%				
	** indicates the percentage of remaining capacity				

WJ-NXF02、WJ-NXF02W New functions (Software V2.40)

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

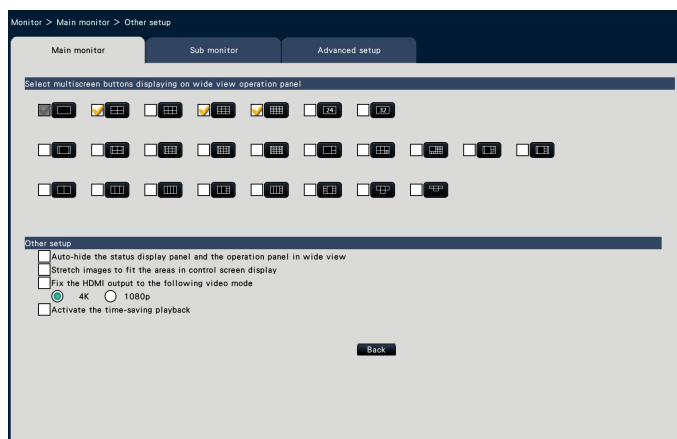
Details on the new functions and revisions	Reference pages
<p>High quality mode is available.</p>  <p>Configure the mode settings for “Face matching” and “Accumulate statistics data” [Common] [High quality mode] Set the bit rate to 4096kbps regardless of the camera model or the compression format being used. Off : Operates in normal mode. Settings will be selected automatically. (see page 6) On : Operates in high quality mode.</p>	<p>Page 11</p>

WJ-NX300K, WJ-NX300K/G New functions (Software V2.30)

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

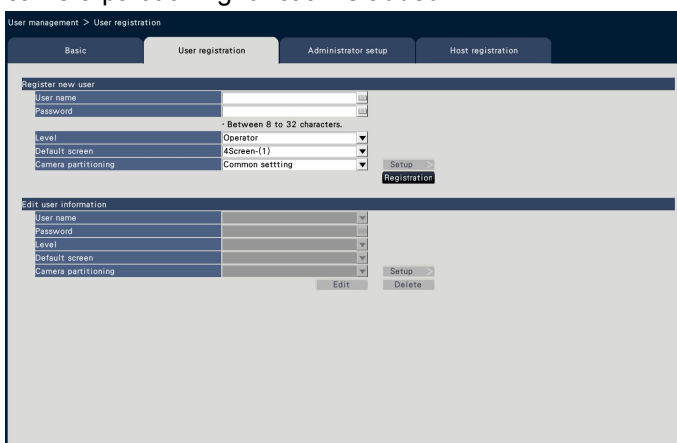
Details on the new functions and revisions	Reference pages
<p>Restrictions are added.</p> <p>When using the web browser</p> <ul style="list-style-type: none"> •The live audio may be interruptedly output regularly if the camera image display is set to high resolution of JPEG and the audio encoding format is set to AAC. •The update of live images and playback images may be delayed if the camera is set to H.265 with high resolution. <p>When registering the network cameras, WV-S8530N and WV-X8570N</p> <ul style="list-style-type: none"> •Set the following values for each camera number of the same camera. <ul style="list-style-type: none"> •Camera authentication •Compression and capture size of camera images •Recording settings (audio encoding format) *for WV-X8570N only. •SD backup setup •Security between this product and cameras (connection, data encryption setting) •MJPEG cannot be selected for compression of images. •The SD backup of WV-X8570N is available only when its compression of images is H.265(1) and image capture size is WQHD(2560x1440). •Auto-IP address assignment is only available for S8530-1 or X8570-1. (☞ Page 13) •The settings may not be reflected if you set and send values for multiple camera numbers of the same camera. If an error occurs, select a camera number that the error occurs and send the setting again. (☞ Page 17) •The VMD alarm of the camera can not be set on the recorder. Set the VMD alarm of the camera on the VMD area tab of the setting menu on the camera side. (☞ page 33) <p>When backing up the SD memory card</p> <ul style="list-style-type: none"> •The product may not record images as set in the product if SD memory cards rather than those supporting the speed class 10 are used. Refer to the operating instructions of the camera for further information. •If bandwidth control of the camera is changed to a value other than the initial value, the SD backup may not function. Refer to the operating instructions of the camera for further information. 	<p>Page 6</p>
<p>The following image capture sizes are added.</p> <p>Set up recording for individual cameras [Advanced recording setup] [Image capture size]</p> <p>"7M(3072x2304)" is added to the aspect ratio of 4:3. "5M(3072x1728)" is added to the aspect ratio of 16:9. "4M(1440x2560)" and "5M(1728x3072)" are added to the aspect ratio of 9:16.</p>	<p>Page 37, Page 38</p>
<p>Description is added.</p> <p>Acquire the image saved on the SD memory card Important:</p> <ul style="list-style-type: none"> •After setting the SD memory backup function to "On", manually acquire the SD backup data from the camera. (☞ Page 70) Beginning the next day, data acquisition will be automatically performed a quarter past every hour. 	<p>Page 44</p>

Wide view layout is added.



Page 47

The camera partitioning function is added.



Page 59

[Camera partitioning]

Select which control range each camera should follow.

Common setting: The camera follows "User level settings" of "User management>Basic".

Individual setting: The camera follows camera partitioning settings set for each user.

Click the [Setup >] button to set the camera partitioning individually.

Set the camera partitioning individually.

Set availability of image display and camera operation in each camera for the assigned user.



View/Operate: Enables display of live/recorded images and camera operation.

View: Enables display of live/recorded images, but disables camera operation.

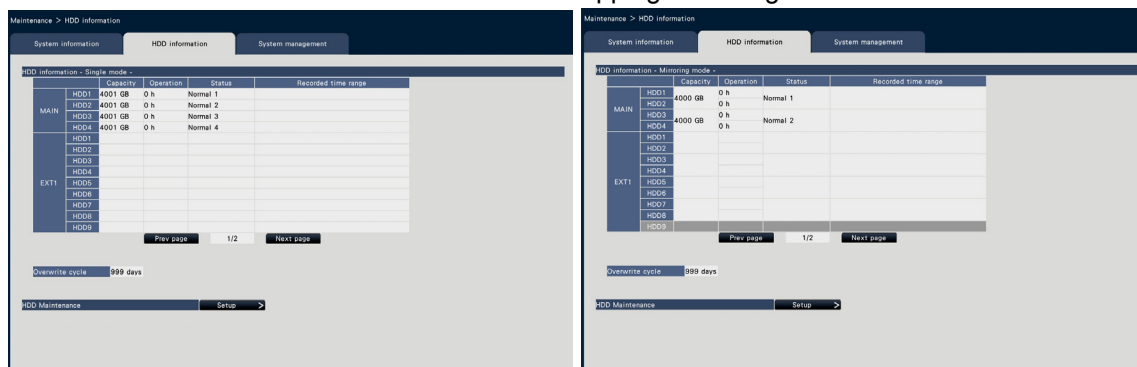
Off: Disables display of live/recorded images and camera operation.

Note:

- Camera operation is not available when "Camera control" is limited in "User level settings" of the [Basic] tab for the operation level of the assigned user, even if "View/Operate" is set.

Functions to format and remove HDDs without stopping recording are added.

Page 64



[HDD Maintenance]

Set a password for the HDD viewer, format and remove HDDs. Click the [Setup >] button for HDD maintenance.



The single mode screen is used for explanation.

[Format HDD]

Select a HDD to format and click the [Start] button to format the HDD.

Important:

- When a hard disk drive is formatted, all the recorded images will be erased.
- HDDs with "Playback only" or "Added" status only can be selected.
- After starting to format the HDD, copying and downloading in process will stop

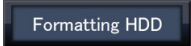
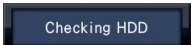
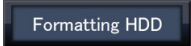
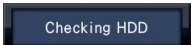
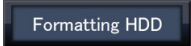
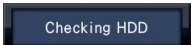
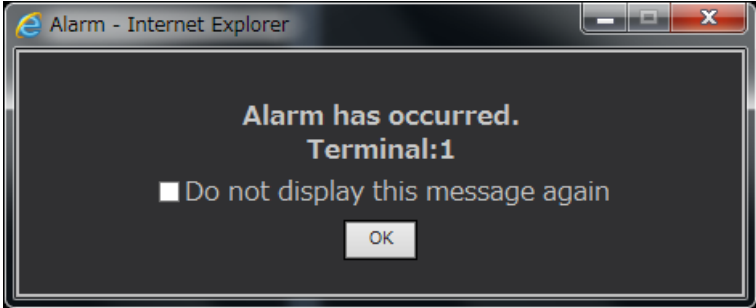
[Remove HDD]

Select a HDD to remove and click the [Start] button to display the password confirmation window for the HDD viewer. When the entered value and the setting match, the HDD is removed.

Important:

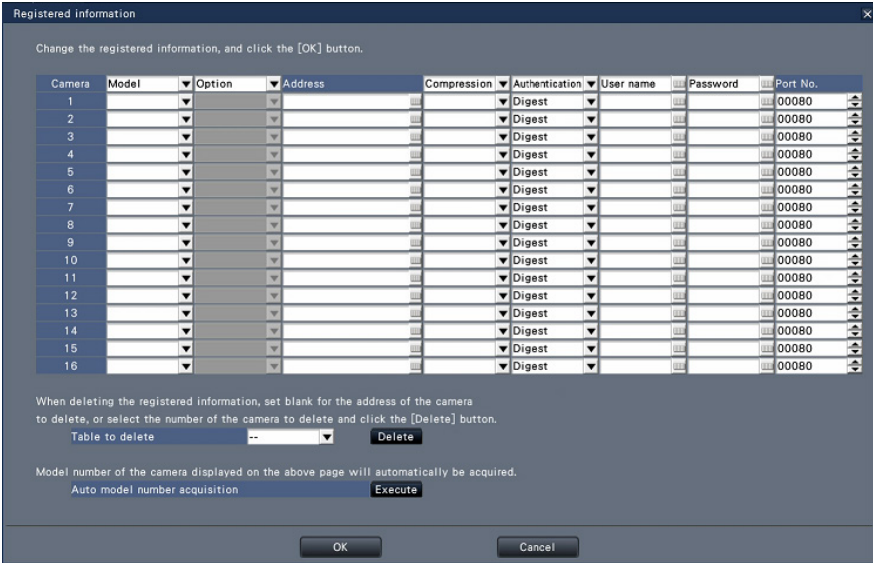
- HDDs in recording cannot be selected. If the HDD stand-by control mode is On, a HDD following the HDD in recording also cannot be selected. If the operation mode of HDDs is the mirroring mode, one of the two HDDs in recording may be removed.
- After starting to remove the HDD, copying and downloading in process will stop.

Details on the new functions and revisions				Reference pages																																		
Description is changed. Remove the HDD [Remove HDD] Step 2 •Check HDDs to remove and click the [Start] button <u>to display the confirmation window of the password for the HDD viewer. When the entered value and the setting match, the HDD is removed.</u>				Page 73																																		
New setting items are added to the lists of the setting items as new functions have been added. REC & event>Recording setup>Advanced recording setup				Page 81																																		
<table><tr><th>Setting item</th><th>Available range</th><th>Default</th><th>Remarks</th></tr><tr><td>Image capture size</td><td>When the aspect ratio is 4:3 ~ / 7M(3072x2304)~ When the aspect ratio is 16:9 ~ / 5M(3072x1728)~ When the aspect ratio is 9:16 ~ / 4M(1440x2560) / 5M(1728x3072)</td><td>VGA(640x480)</td><td>◎</td></tr></table>				Setting item	Available range	Default	Remarks	Image capture size	When the aspect ratio is 4:3 ~ / 7M(3072x2304)~ When the aspect ratio is 16:9 ~ / 5M(3072x1728)~ When the aspect ratio is 9:16 ~ / 4M(1440x2560) / 5M(1728x3072)	VGA(640x480)	◎																											
Setting item	Available range	Default	Remarks																																			
Image capture size	When the aspect ratio is 4:3 ~ / 7M(3072x2304)~ When the aspect ratio is 16:9 ~ / 5M(3072x1728)~ When the aspect ratio is 9:16 ~ / 4M(1440x2560) / 5M(1728x3072)	VGA(640x480)	◎																																			
New setting items are added to the lists of the setting items as new functions have been added. Monitor>Main monitor>Other setup				Page 84																																		
<table><tr><th>Setting item</th><th>Available range</th><th>Default</th><th>Remarks</th></tr><tr><td>4-screen (T letter, 4:3)</td><td>Checked/Not checked</td><td>Not checked</td><td>◎</td></tr><tr><td>4-screen (T letter, 16:9)</td><td>Checked/Not checked</td><td>Not checked</td><td>◎</td></tr></table>				Setting item	Available range	Default	Remarks	4-screen (T letter, 4:3)	Checked/Not checked	Not checked	◎	4-screen (T letter, 16:9)	Checked/Not checked	Not checked	◎																							
Setting item	Available range	Default	Remarks																																			
4-screen (T letter, 4:3)	Checked/Not checked	Not checked	◎																																			
4-screen (T letter, 16:9)	Checked/Not checked	Not checked	◎																																			
New setting items are added to the lists of the setting items as new functions have been added. User management> User registration>Register new user				Page 87																																		
<table><tr><th>Setting items</th><th>Available range</th><th>Default</th><th>Remarks</th></tr><tr><td>Camera partitioning</td><td>Common setting, Individual setting</td><td>Common setting</td><td>◎</td></tr><tr><td>Camera partitioning (Individual setting)</td><td>View/Operate, View, Off</td><td>View/Operate</td><td>◎</td></tr></table>				Setting items	Available range	Default	Remarks	Camera partitioning	Common setting, Individual setting	Common setting	◎	Camera partitioning (Individual setting)	View/Operate, View, Off	View/Operate	◎																							
Setting items	Available range	Default	Remarks																																			
Camera partitioning	Common setting, Individual setting	Common setting	◎																																			
Camera partitioning (Individual setting)	View/Operate, View, Off	View/Operate	◎																																			
Layout of the lists of the setting items is changed and items are added due to added new functions. Maintenance>HDD information				Page 88																																		
<table><tr><th colspan="2">Setting items</th><th>Available range</th><th>Default</th><th>Remarks</th></tr><tr><td rowspan="7">HDD Maintenance</td><td>Set password for HDD viewer</td><td>Off, On</td><td>Off</td><td>◎</td></tr><tr><td>Password</td><td>(Text will be entered.)</td><td>(Blank)</td><td>◎</td></tr><tr><td>Retype password</td><td>(Text will be entered.)</td><td>(Blank)</td><td>◎</td></tr><tr><td>Save HDD viewer (to USB medium)</td><td>(None)</td><td>(None)</td><td></td></tr><tr><td>Download HDD viewer</td><td>(None)</td><td>(None)</td><td>★</td></tr><tr><td>Format HDD</td><td>(HDD number)</td><td>(HDD number)</td><td>◎</td></tr><tr><td>Remove HDD</td><td>(HDD number)</td><td>(HDD number)</td><td>◎</td></tr></table>				Setting items		Available range	Default	Remarks	HDD Maintenance	Set password for HDD viewer	Off, On	Off	◎	Password	(Text will be entered.)	(Blank)	◎	Retype password	(Text will be entered.)	(Blank)	◎	Save HDD viewer (to USB medium)	(None)	(None)		Download HDD viewer	(None)	(None)	★	Format HDD	(HDD number)	(HDD number)	◎	Remove HDD	(HDD number)	(HDD number)	◎	
Setting items		Available range	Default	Remarks																																		
HDD Maintenance	Set password for HDD viewer	Off, On	Off	◎																																		
	Password	(Text will be entered.)	(Blank)	◎																																		
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	Save HDD viewer (to USB medium)	(None)	(None)																																			
	Download HDD viewer	(None)	(None)	★																																		
	Format HDD	(HDD number)	(HDD number)	◎																																		
	Remove HDD	(HDD number)	(HDD number)	◎																																		
Error Logs Added • deleted				Page 92																																		
<table><tr><th>Description</th><th>Display of the status display panel</th><th>Error log</th><th>Outout from connector</th></tr><tr><td>HDD skip</td><td>-</td><td>HDD skip: MAIN-y HDD skip: EXTx-y HDD skip:MAIN HDD skip: EXTx</td><td>-</td></tr><tr><td>Alteration-detection</td><td>Altered: Cam.cc</td><td>Altered: Cam.cc</td><td>Recorder-error</td></tr></table>				Description	Display of the status display panel	Error log	Outout from connector	HDD skip	-	HDD skip: MAIN-y HDD skip: EXTx-y HDD skip:MAIN HDD skip: EXTx	-	Alteration-detection	Altered: Cam.cc	Altered: Cam.cc	Recorder-error																							
Description	Display of the status display panel	Error log	Outout from connector																																			
HDD skip	-	HDD skip: MAIN-y HDD skip: EXTx-y HDD skip:MAIN HDD skip: EXTx	-																																			
Alteration-detection	Altered: Cam.cc	Altered: Cam.cc	Recorder-error																																			

Details on the new functions and revisions				Reference pages									
2 statuses are added to the status display monitor.				Page 100									
① Status display area													
<table><thead><tr><th>Status</th><th>Description</th><th>Example</th><th>Priority</th></tr></thead><tbody><tr><td>Formatting HDD</td><td>HDD is being automatically formatted.</td><td></td><td>3</td></tr><tr><td>Checking HDD</td><td>Identifying the HDD.</td><td></td><td>3</td></tr></tbody></table>	Status	Description	Example		Priority	Formatting HDD	HDD is being automatically formatted.		3	Checking HDD	Identifying the HDD.		3
Status	Description	Example	Priority										
Formatting HDD	HDD is being automatically formatted.		3										
Checking HDD	Identifying the HDD.		3										
An alarm pop-up inhibit function is added.				Page 170									
													
When you check "Do not display this message again", the alarm message will not be displayed until the web browser is restarted even if an event occurs.													

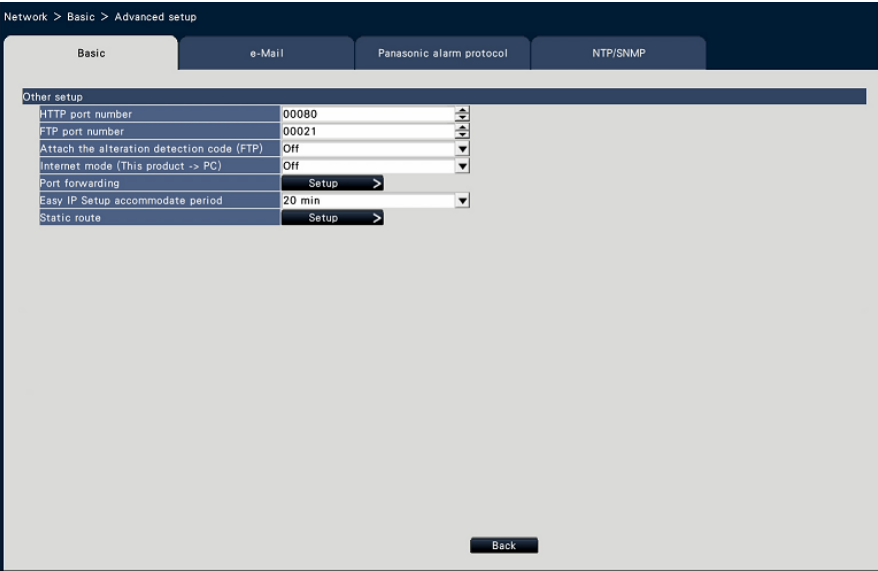
WJ-NX300K, WJ-NX300K/G New functions (Software V2.20)

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

Details on the new functions and revisions	Reference pages
<p>User authentication is added when accessing the camera.</p>  <p>[Authentication] Set authentication used for the user authentication when accessing the camera. Digest: Uses digest authentication. Digest or Basic: Uses either digest or basic authentication. Basic: Uses basic authentication. Default: Digest</p>	<p>Page 15</p>
<p>"Reset" and "Value" are added to "Adaptive black stretch" of the camera's adaptive black stretch function.</p> <p>[Adaptive black stretch] Reset: returns the adaptive black stretch setting to the default. Value: Adjusts brightness of a dark area in an image.</p>	<p>Page 27</p>
<p>Port numbers which cannot be set are added.</p> <p>Note: 20, 21, 23, 25, 42, 53, 67, 68, 69, 79, 80, 105, 110, 123, 161, 162, 443, 546, 547, 995, 10001, 10002, 10003, 10004, 10005, 10006, 10007, <u>50000~50255</u></p>	<p>Page 43, Page 52 Page 53, Page 76</p>

A static route is settable for configuration of the network.

Page 52



[Static route]

Click the [Setup >] button to set a static route.



[Static route]

Set a static route. Configure this setting after fully understanding the network environment of the recorder.

On: Enables the static route.

Off: Disables the static route.

[Address]

Set the destination address. To change the IP address, click the [▲]/[▼] button.

[Subnet mask]

Set the destination subnet mask. Enter in the same way as the address.

[Gateway]

Set the destination gateway. Enter in the same way as the address.

Details on the new functions and revisions

Reference pages

Online user information is added.

Page 63

Maintenance > System Information

System information | HDD information | System management

System information

Software version	v2.18V1.03
Hardware version	V1.0008
Serial number	REV03341
Network port [Camera/PC port]	
MAC address	9C-C3-43-3C-4F-A1
IP address	192.168.0.250
Line speed	Auto (1000M-Full)
Network port [PC port]	
MAC address	9C-C3-43-3C-4F-A1
IP address	192.168.1.55
Line speed	Auto (-)
Internal temperature	46°C (114° F)
Highest temperature	48°C (118° F) [2017/12/15 12:35]

System device information

Extension unit information [View >](#)

SD card information of camera [View >](#)

Online user information

Number of login user	0
Number of FTP users	0

Note:

- The number of login users indicates those who have logged into the recorder via network.
- The number of FTP users indicates those who have logged into the recorder via FTP.

Description of the [Registration] button on the "Set password for HDD viewer" screen is added.

Page 65

[Registration] button

Register the password that you have set.

The location of the [Reset all settings] button is changed.

Page 66

Maintenance > System management

System information | HDD information | System management

System setup

Error output duration	2 s
Error buzzer duration	2 s
HDD stand-by control mode	Off
HDD hour meter warning	20000 h
Auto data delete	Off
Camera time auto synchronization	On

Logs

Access log [View >](#)

Operation log [View >](#)

Network log [View >](#)

Functions for maintenance

Registration of license (This product, camera extension, etc.)	Setup >
Registration of license (Security)	Setup >
Registration of license (Optional extension)	Setup >
Save data (to USB medium)	Execute >
Load data (from USB medium)	Execute >
Firmware update	Execute >
Other	Setup >
Reset all settings	Execute >

Details on the new functions and revisions	Reference pages																				
<p>New setting items are added to the lists of the setting items as new functions have been added.</p> <p>Camera > Camera registration > Registered information</p> <table><tr><th>Setting item</th><th>Available range</th><th>Default</th><th>Remarks</th></tr><tr><td>Authentication</td><td>Digest, Digest or Basic, Basic</td><td>Digest</td><td>◎</td></tr></table>	Setting item	Available range	Default	Remarks	Authentication	Digest, Digest or Basic, Basic	Digest	◎	Page 78												
Setting item	Available range	Default	Remarks																		
Authentication	Digest, Digest or Basic, Basic	Digest	◎																		
<p>The setting ranges in the lists of the setting items are added as new functions have been added.</p> <p>Camera > Camera setup > Adaptive black stretch > Adaptive black stretch Off, On, <u>Reset, 0, 16, 32, 48, 64, 80, 96, 128, 144, 160, 176, 192, 208, 224, 240, 255</u></p>	Page 79																				
<p>New setting items are added to the lists of the setting items as new functions have been added.</p> <p>Network > Basic > Other setup</p> <table><tr><th>Setting item</th><th>Available range</th><th>Default</th><th>Remarks</th></tr><tr><td>Static route</td><td>Off, On</td><td>Off</td><td>◎</td></tr><tr><td>Address</td><td>(IP address)</td><td>0.0.0.0</td><td>◎</td></tr><tr><td>Subnet mask</td><td>(IP address)</td><td>0.0.0.0</td><td>◎</td></tr><tr><td>Gateway</td><td>(IP address)</td><td>0.0.0.0</td><td>◎</td></tr></table>	Setting item	Available range	Default	Remarks	Static route	Off, On	Off	◎	Address	(IP address)	0.0.0.0	◎	Subnet mask	(IP address)	0.0.0.0	◎	Gateway	(IP address)	0.0.0.0	◎	Page 86
Setting item	Available range	Default	Remarks																		
Static route	Off, On	Off	◎																		
Address	(IP address)	0.0.0.0	◎																		
Subnet mask	(IP address)	0.0.0.0	◎																		
Gateway	(IP address)	0.0.0.0	◎																		
<p>New setting items are added to the lists of the setting items as new functions have been added.</p> <p>Maintenance > System information</p> <table><tr><th colspan="2">Setting item</th><th>Available range</th><th>Default</th><th>Remarks</th></tr><tr><td rowspan="2">Online user information</td><td>Number of login user</td><td>(Indication only)</td><td>(Indication only)</td><td>◎</td></tr><tr><td>Number of FTP users</td><td>(Indication only)</td><td>(Indication only)</td><td>◎</td></tr></table>	Setting item		Available range	Default	Remarks	Online user information	Number of login user	(Indication only)	(Indication only)	◎	Number of FTP users	(Indication only)	(Indication only)	◎	Page 88						
Setting item		Available range	Default	Remarks																	
Online user information	Number of login user	(Indication only)	(Indication only)	◎																	
	Number of FTP users	(Indication only)	(Indication only)	◎																	
<p>The comment "*"3" is added to "Concurrent user license" in the lists of the setting items.</p> <table><tr><th>Menu/Tab</th><th colspan="2">Setting item (including those of the "Advanced setup" menu)</th><th></th></tr><tr><td>Concurrent user license</td><td>Concurrent user license*3</td><td>Client Identifier/Date&Time/Status</td><td></td></tr></table> <p>*3 When registering the concurrent user license kit (option) license.</p>	Menu/Tab	Setting item (including those of the "Advanced setup" menu)			Concurrent user license	Concurrent user license*3	Client Identifier/Date&Time/Status		Page 91												
Menu/Tab	Setting item (including those of the "Advanced setup" menu)																				
Concurrent user license	Concurrent user license*3	Client Identifier/Date&Time/Status																			

Details on the new functions and revisions	Reference pages
<p>The face frame is movable by drag & drop so that a face can be fit into the frame on the face registration window.</p> <p>Important:</p> <ul style="list-style-type: none"> The facial feature may not be in the frame due to the motion speed of the object. <u>Register an image in which the face (eyes and nose) is in the frame, or move the frame by drag & drop so that the face is in the center of the frame to register.</u> 	Page 13 in Operating Instructions of WJ-NXF02.