



Recorder Registration Procedure of the V-series Camera

(For Alternative Model No.)

(WV-V2530LK, WV-V1330LK, WV-V2530L1, WV-V1330L1,
WV-V1170, WV-6430L)

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Security Systems Business Division

Panasonic System Networks Co., Ltd.

Welcome

- This document describes the recorder registration procedure of the V-series camera
(WV-V2530LK, WV-V1330LK, WV-V2530L1, WV-V1330L1, WV-V1170, WV-6430L)
- This document explains the procedure because it is necessary to select an alternative model number tentatively until the recorder supports the V-series part number. After the correspondence of the recorder is started officially, the procedure will be changed.
- The procedure of WJ-NV200 is the same as WJ-NV300.

Registration Procedure

WJ-NV300/NV200/NX400

Power ON the camera
(Connect LAN cable to both camera and the switch)

1. Configure IP address by EasyIPSetup.

2. Detect cameras
(Will be detected Both ONVIF and i-PRO (unknown))

3. Remove the check mark on ONVIF.

If user name and password have **not** been registered

4. New registration and edit of user

5. Setting by alternative model number

If user name and password have been registered

5. Setting by alternative model number
And input user name and password

6. Change of recording setup
(Resolution change, Audio setup)

7. Camera adjustment

WJ-NX400 only
(Change Recording connection method from RTSP to RTP)

Completion

WJ-ND400

2. Open camera browser

3. Camera setup
(User setup, resolution change, Focus adjustment)

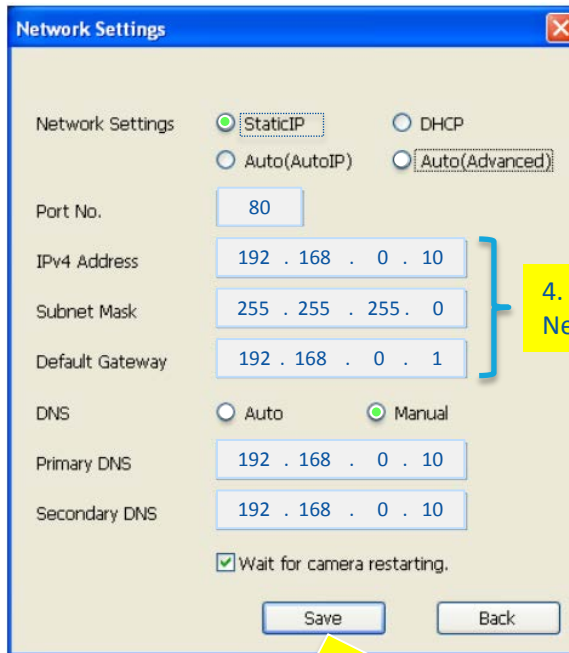
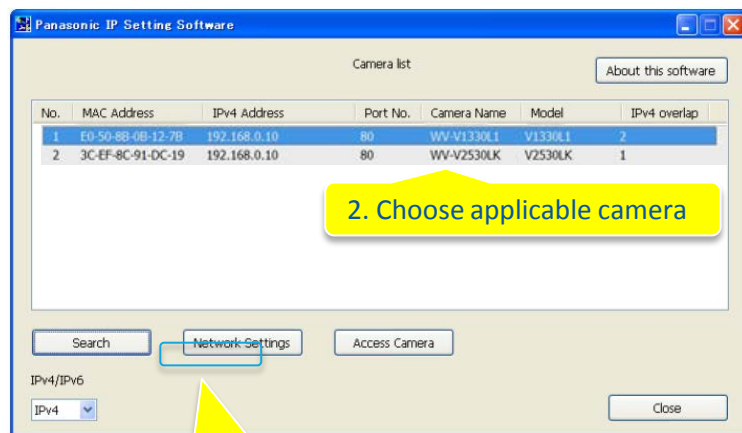
4. Camera registration
(IP address input, Model selection, User information input)



Registration Procedure of WJ-NV300 (WJ-NV200)

1. Configure IP Address

1. Execute "EasyIPSetup".



4. Configure IP address, Sub Netmask and Default Gateway

5. Click "Save"

6. Repeat step 2-5 to configure IP address for remaining cameras.

2. Detect Cameras

Network Disk Recorder
WJ-NV300

Home

Quick setup

Easy Start

Basic setup

Date/Language

Camera

REC & event

Advanced setup

Exit

Camera > Camera registration

Camera registration | Camera setup

Detect cameras Setup >

Management of camera user Setup >

Registered information Setup >

Change the display position of camera Setup >

Click the "Setup >" button of "Detect cameras"

* Camera detection is automatically started.

Camera	Model	Address	Compression	Error information
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

2. Detect Cameras

Network Disk Recorder WJ-NV3000 Camera > Camera registration > Detect cameras

Detect cameras

1. Select the port to search camera, then click the button corresponding to the search mode.

Port selection ☒ Camera/PC port ☐ PC port

Search all the connected cameras

Search only the added/replaced cameras

No.	Select	Model	Results	IP address	Auto addressing
1	<input checked="" type="checkbox"/>	i-PRO(Unknown)	New	192.168.0.10	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>	i-PRO(Unknown)	New	192.168.0.11	<input type="checkbox"/>
3	<input checked="" type="checkbox"/>	ONVIF	New	192.168.0.10	<input type="checkbox"/>
4	<input checked="" type="checkbox"/>	ONVIF	New	192.168.0.11	<input type="checkbox"/>
5	<input type="checkbox"/>				<input type="checkbox"/>
6	<input type="checkbox"/>				<input type="checkbox"/>
7	<input type="checkbox"/>				<input type="checkbox"/>
8	<input type="checkbox"/>				<input type="checkbox"/>
9	<input type="checkbox"/>				<input type="checkbox"/>
10	<input type="checkbox"/>				<input type="checkbox"/>
11	<input type="checkbox"/>				<input type="checkbox"/>
12	<input type="checkbox"/>				<input type="checkbox"/>
13	<input type="checkbox"/>				<input type="checkbox"/>
14	<input type="checkbox"/>				<input type="checkbox"/>
15	<input type="checkbox"/>				<input type="checkbox"/>
16	<input type="checkbox"/>				<input type="checkbox"/>

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2. Register the selected cameras by clicking the [OK] button.

- Check for "Auto addressing" of the cameras to which the IP addresses are automatically given.
- Assigns the IP addresses to the cameras automatically when the search result are "New", "Replaced" or "Added".

Start IP address 192.168.0. Ascending order ▼

Both ONVIF and i-PRO (unknown) are detected

3. Remove the check mark on ONVIF

Network Disk Recorder WJ-NV3000 Camera > Camera registration > Detect cameras

Detect cameras

1. Select the port to search camera, then click the button corresponding to the search mode.

Port selection ☒ Camera/PC port ☐ PC port

Search all the connected cameras

Search only the added/replaced cameras

No.	<input type="checkbox"/>	Select	Model	Results	IP address	<input type="checkbox"/> Auto addressing
1	<input checked="" type="checkbox"/>		i-PRO(Unknown)	New	192.168.0.10	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>		i-PRO(Unknown)	New	192.168.0.11	<input type="checkbox"/>
3	<input type="checkbox"/>		ONVIF	New	192.168.0.10	<input type="checkbox"/>
4	<input type="checkbox"/>		ONVIF	New	192.168.0.11	<input type="checkbox"/>
5	<input type="checkbox"/>					<input type="checkbox"/>
6	<input type="checkbox"/>					<input type="checkbox"/>
7	<input type="checkbox"/>					<input type="checkbox"/>
8	<input type="checkbox"/>					<input type="checkbox"/>
9	<input type="checkbox"/>					<input type="checkbox"/>
10	<input type="checkbox"/>					<input type="checkbox"/>
11	<input type="checkbox"/>					<input type="checkbox"/>
12	<input type="checkbox"/>					<input type="checkbox"/>
13	<input type="checkbox"/>					<input type="checkbox"/>
14	<input type="checkbox"/>					<input type="checkbox"/>
15	<input type="checkbox"/>					<input type="checkbox"/>
16	<input type="checkbox"/>					<input type="checkbox"/>

Remove "check mark" on ONVIF

2. Register the selected cameras by clicking the [OK] button.

· Check for "Auto addressing" of the cameras to which the IP addresses are automatically given.

Assigns the IP addresses to the cameras automatically when the search result are "New", "Replaced" or "Added".

Start IP address 192.168.0. 101 Ascending order ▼

4. New Registration and Edit of user

Network Disk Recorder
WJ-NV300

Home

Quick setup

Easy Start

Basic setup

Date/Language

Camera

REC & event

Advanced setup

Exit

Camera > Camera registration

Camera registration

Camera setup

Detect cameras Setup >

Management of camera user Setup >

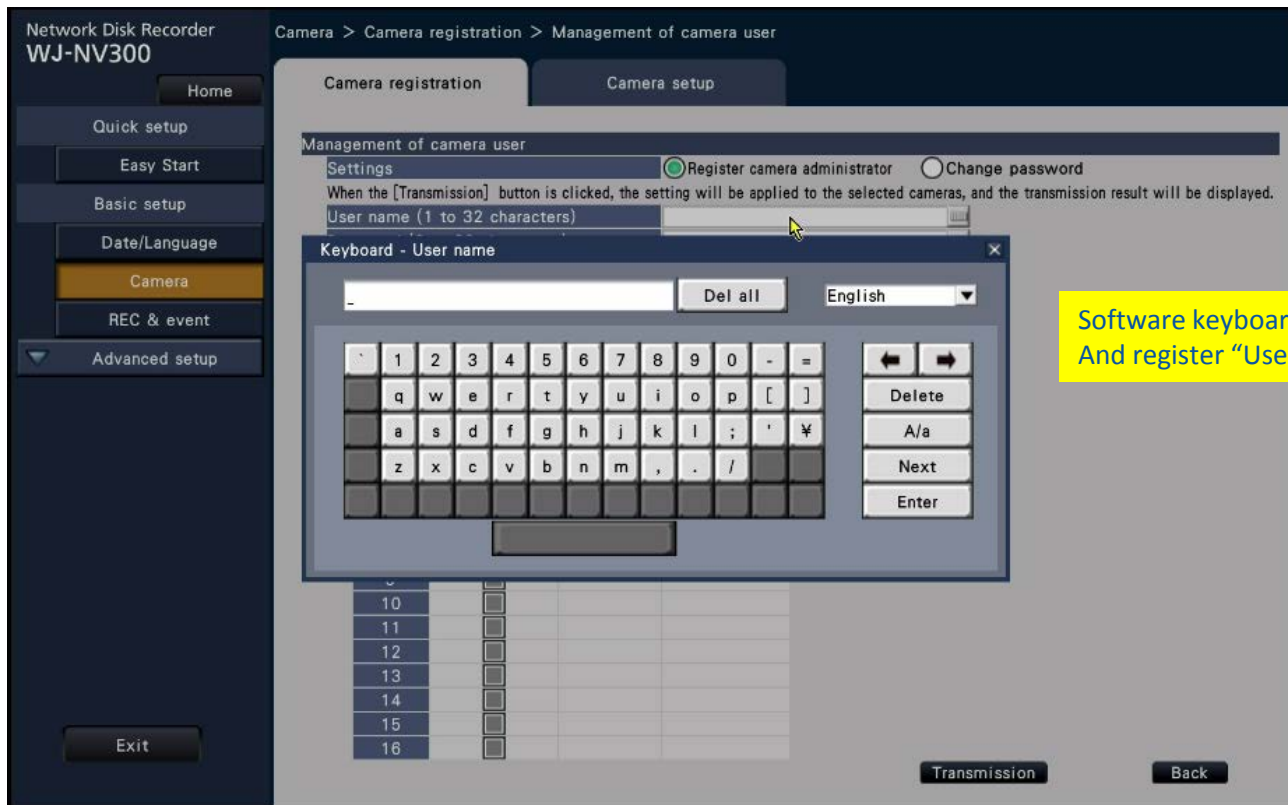
Registered information Setup >

Change the display position of camera Setup >

Click the "Setup >" button of "Management of camera user"

Camera	Model	Address	Compression	Error information
1	i-PRO(Unknown)	192.168.0.10	H.264	Authentication error
2	i-PRO(Unknown)	192.168.0.11	H.264	Authentication error
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

4. New Registration and Edit of user



Software keyboard is displayed.
And register "User ID" and "Password"

5. Setting by Alternative Model Number

Network Disk Recorder
WJ-NV300

Home

Quick setup

Easy Start

Basic setup

Date/Language

Camera

REC & event

Advanced setup

Exit

Camera > Camera registration

Camera registration Camera setup

Detect cameras Setup >

Management of camera user Setup >

Registered information Setup >

Change the display position of camera Setup >

Click the "Setup >" button of "Registered information"

Camera	Model	Address	Compression	Error information
1	i-PRO(Unknown)	192.168.0.10	H.264	-
2	i-PRO(Unknown)	192.168.0.11	H.264	-
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

5. Setting by Alternative Model Number

Network Disk Recorder WJ-NV300 Camera > Camera registration > Registered information

Registered information

Change the registered information, and click the [OK] button.

Camera	Model	Address	Compression	User name	Password	Port No.
1	SW559	192.168.0.10	H.264	admin	*****	00080
2	SW558	192.168.0.11	H.264	admin	*****	00080
3						00080
4						00080
5						00080
6						00080
7						00080
8						00080
9						00080
10						00080
11						00080
12						00080
13						00080
14						00080
15						00080
16						00080

Choose Alternative Model as follows.

- SW558: WV-V1330LK, WV-V2530L1, WV-V1330L1
- SW559: WV-V2530LK
- SPV781: WV-V1170
- SW598: WV-V6430L

When deleting the registered information, set blank for the address of the camera to delete, or select the number of the camera to delete and click the [Delete] button.

Table to delete: -- [Delete]

[OK] [Cancel]

6. Change of Recording Setup (Resolution change, Audio setup)

Network Disk Recorder
WJ-NV300

REC & event > Recording setup

Recording setup | Event setup | Advanced setup

Schedules [Schedule1]

Days to record

Mon	Tue	Wed	Thu	Fri	Sat	Sun
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

* Schedule to record

[Time table1]

Schedule recording

	12AM	6AM	12PM	6PM	12AM
1. 12:00 AM ~ 12:00 AM					
2. --:-- ~ --:--					
3. --:-- ~ --:--					

- The items marked with "*" are changed in the advanced setup.
- Click the start time and end time on the time line to set the time table.
- Right-click on the time line to clear the time table.

Advanced >

Recording setup (All cameras)

Frame rate

Low	1	3	5	10	15	30	High
							10 ips

Image quality

Low	NQ	FQ	SF	XF	High
					FQ

- The items marked with "*" are changed in the advanced setup.

Referenced recording days

168 days

- This value is valid only when the setting is saved while camera is connected.
- This value excludes the HDD consumption for the event recording.
- This value is not displayed when unsupported or non-Panasonic camera is connected.

Exit

Advanced >

3. Click "Advanced"

6. Change of Recording Setup (Resolution change, Audio setup)

Network Disk Recorder
WJ-NV300

REC & event > Recording setup > Advanced recording setup

Recording setup | Event setup | Advanced setup

Advanced recording setup

Camera	Model	Compression	Image capture size	Rate	Quality	Audio	Schedule
1	SW559	H.264	FHD(1920x1080)	10 ips	FQ	On	Schedule1
2	SW558	H.264	FHD(1920x1080)	10 ips	FQ	Off	Schedule1
3			VGA(640x480)	10 ips	FQ	Off	Schedule1
4			VGA(640x480)	10 ips	FQ	Off	Schedule1
5			VGA(640x480)	10 ips	FQ	Off	Schedule1
6			VGA(640x480)	10 ips	FQ	Off	Schedule1
7			VGA(640x480)	10 ips	FQ	Off	Schedule1
8			VGA(640x480)	10 ips	FQ	Off	Schedule1
9			VGA(640x480)	10 ips	FQ	Off	Schedule1
10			VGA(640x480)	10 ips	FQ	Off	Schedule1
11			VGA(640x480)	10 ips	FQ	Off	Schedule1
12			VGA(640x480)	10 ips	FQ	Off	Schedule1
13			VGA(640x480)	10 ips	FQ	Off	Schedule1
14			VGA(640x480)	10 ips	FQ	Off	Schedule1
15			VGA(640x480)	10 ips	FQ	Off	Schedule1
16			VGA(640x480)	10 ips	FQ	Off	Schedule1

1. Change "Image capture size" to FHD (1920x1080)
* SXVGA (1280x960) is selected when conduction "Detect cameras"

2. Change "Audio" to "On" if SW559 is chosen

Referenced recording days 83 days

- This value is valid only when the setting is saved while camera is connected.
- This value excludes the HDD consumption for the event recording.
- This value is not displayed when unsupported or non-Panasonic camera is connected.

Exit Back

1. Choose applicable camera for focus adjustment



Registration Procedure of WJ-NX400

1. Configure IP Address

- As same as NV300 procedure

2. Detect Cameras

Network Disk Recorder
WJ-NX400

Home

Quick setup

Easy Start

Basic setup

Date/Language

Camera

REC & event

Advanced setup

Exit

Camera > Camera registration

Camera registration Camera setup Advanced setup

Detect cameras Setup >

Management of camera user Setup >

Registered information Setup >

Change the display position of camera Setup >

Click the "Setup >" button of "Detect cameras"

* Camera detection is automatically started.

Camera	Model	Address	Compression	Error information
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

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2. Detect Cameras

Network Disk Recorder
WJ-NX400

Home

Quick setup

Easy Start

Basic setup

Date/Language

Camera

REC & event

Advanced setup

Exit

Camera > Camera registration > Detect cameras

Detect cameras

1. Select the port to search camera, then click the button corresponding to the search mode.

Port selection

☒ Camera/PC port ☐ PC port

Search all the connected cameras

Search only the added/replaced cameras

New

Addition

No.	<input checked="" type="checkbox"/>	Select	Model	Results	IP address	<input type="checkbox"/> Auto addressing
1	<input checked="" type="checkbox"/>		i-PRO(Unknown)	New	192.168.0.11	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>		ONVIF	New	192.168.0.11	<input type="checkbox"/>
3	<input type="checkbox"/>					<input type="checkbox"/>
4	<input type="checkbox"/>					<input type="checkbox"/>
5	<input type="checkbox"/>					<input type="checkbox"/>
6	<input type="checkbox"/>					<input type="checkbox"/>
7	<input type="checkbox"/>					<input type="checkbox"/>
8	<input type="checkbox"/>					<input type="checkbox"/>
9	<input type="checkbox"/>					<input type="checkbox"/>
10	<input type="checkbox"/>					<input type="checkbox"/>
11	<input type="checkbox"/>					<input type="checkbox"/>
12	<input type="checkbox"/>					<input type="checkbox"/>
13	<input type="checkbox"/>					<input type="checkbox"/>
14	<input type="checkbox"/>					<input type="checkbox"/>
15	<input type="checkbox"/>					<input type="checkbox"/>
16	<input type="checkbox"/>					<input type="checkbox"/>

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2. Register the selected cameras by clicking the [OK] button.

• Check for "Auto addressing" of the cameras to which the IP addresses are automatically given.

Assigns the IP addresses to the cameras automatically when the search result are "New", "Replaced" or "Added".

Start IP address 192.168.0. 101 Ascending order

OK Cancel

Both ONVIF and i-PRO (unknown) are detected

3. Remove the check mark on ONVIF

Network Disk Recorder
WJ-NX400

Camera > Camera registration > Detect cameras

Detect cameras

1. Select the port to search camera, then click the button corresponding to the search mode.

Port selection ☒ Camera/PC port ☐ PC port

Search all the connected cameras

Search only the added/replaced cameras

No.	<input type="checkbox"/>	Select	Model	Results	IP address	<input type="checkbox"/> Auto addressing
1	<input checked="" type="checkbox"/>		i-PRO(Unknown)	New	192.168.0.11	<input type="checkbox"/>
2	<input type="checkbox"/>		ONVIF	New	192.168.0.11	<input type="checkbox"/>
3	<input type="checkbox"/>					<input type="checkbox"/>
4	<input type="checkbox"/>					<input type="checkbox"/>
5	<input type="checkbox"/>					<input type="checkbox"/>
6	<input type="checkbox"/>					<input type="checkbox"/>
7	<input type="checkbox"/>					<input type="checkbox"/>
8	<input type="checkbox"/>					<input type="checkbox"/>
9	<input type="checkbox"/>					<input type="checkbox"/>
10	<input type="checkbox"/>					<input type="checkbox"/>
11	<input type="checkbox"/>					<input type="checkbox"/>
12	<input type="checkbox"/>					<input type="checkbox"/>
13	<input type="checkbox"/>					<input type="checkbox"/>
14	<input type="checkbox"/>					<input type="checkbox"/>
15	<input type="checkbox"/>					<input type="checkbox"/>
16	<input type="checkbox"/>					<input type="checkbox"/>

Remove "check mark" on ONVIF

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2. Register the selected cameras by clicking the [OK] button.

· Check for "Auto addressing" of the cameras to which the IP addresses are automatically given.
Assigns the IP addresses to the cameras automatically when the search result are "New", "Replaced" or "Added".

Start IP address 192.168.0. 101 Ascending order

OK Cancel

4. New Registration and Edit of user

Network Disk Recorder
WJ-NX400

Home

Quick setup

Easy Start

Basic setup

Date/Language

Camera

REC & event

Advanced setup

Exit

Camera > Camera registration

Camera registration

Camera setup

Detect cameras Setup >

Management of camera user Setup >

Registered information Setup >

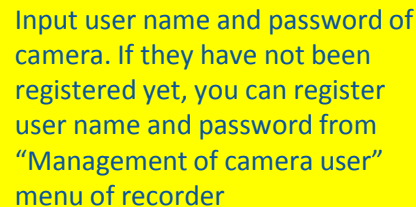
Change the display position of camera Setup >

If camera user name and password have already been registered, Click the "Setup >" button of "Registered information" to input username and password

Camera	Model	Address	Compression	Error information
1	i-PRO(Unknown)	192.168.0.11	H.264(1)	Authentication error
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

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Panasonic BUSINESS



6. Change of Recording Setup (Resolution change, Audio setup)

Network Disk Recorder
WJ-NX400

Home

Quick setup

Easy Start

Basic setup

Date/Language

Camera

REC & event

Advanced setup

Exit

REC & event > Recording setup

Recording setup

Event setup

Advanced setup

Schedules [Schedule1]

Days to record

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Schedule to record

[Time table1]

	12AM	6AM	12PM	6PM	12AM	Schedule recording	Event recording	e-Mail	Panasonic alarm protocol
1. 12:00 AM ~ 12:00 AM						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. --:-- ~ --:--						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. --:-- ~ --:--						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. --:-- ~ --:--						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. --:-- ~ --:--						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. --:-- ~ --:--						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

• The items marked with "*" are changed in the advanced setup.

• Click the start time and end time on the time line to set the time table.

• Right-click on the time line to clear the time table.

Advanced >

Recording setup (All cameras)

Frame rate

Low 1 3 5 10 15 30 High 10 ips

NQ FQ SF XF

Image quality

Low High FQ

• The items marked with "*" are changed in the advanced setup.

Referenced recording days

168 days

• This value is valid only when the setting is saved while camera is connected.

• This value excludes the HDD consumption for the event/emergency recording.

• This value is not displayed when unsupported or non-Panasonic camera is connected.

Advanced >

1. Click "REC & event"

2. Click "Recording setup"

3. Click "Advanced"

6. Change of Recording Setup (Resolution change, Audio setup)

Network Disk Recorder
WJ-NX400

REC & event > Recording setup > Advanced recording setup

Recording setup Event setup Advanced setup

Advanced recording setup

1. Change "Image capture size" to FHD (1920x1080)
* SXVGA (1280x960) is selected when conduction "Detect cameras"

2. Change "Audio" to "On" if you use audio recording

Camera	Model	Compression	Basic setup				Individual setting		
			Image capture size	Rate	Quality	Audio	Schedule	Event	Emergency
1	SW559	H.264(1)	FHD(1920x1080)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
2			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
3			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
4			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
5			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
6			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
7			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
8			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
9			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
10			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
11			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
12			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
13			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
14			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
15			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic
16			VGA(640x480)	10 ips	FQ	Off	Schedule1	Same as the basic	Same as the basic

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Referenced recording days 84 days

- This value is valid only when the setting is saved while camera is connected.
- This value excludes the HDD consumption for the event/emergency recording .
- This value is not displayed when unsupported or non-Panasonic camera is connected.

Exit Back

Change connection method (only NX400)

Important Procedure

Network Disk Recorder
WJ-NX400

Home

Quick setup

Easy Start

Basic setup

Date/Language

Camera

REC & event

Advanced setup

Camera > Advanced setup > Connection method

Camera registration Camera setup Advanced setup

Connection method

Camera	Model	Compression	Connection method
1	SW559	H.264(1)	RTSP
2			RTP
3			RTSP
4			Internet mode
5			RTSP
6			
7			
8			
9			
10			
11			RTSP
12			RTSP
13			RTSP
14			RTSP
15			RTSP
16			RTSP

Change "RTSP" to "RTP"

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Connection method

Camera	Model	Compression	Connection method
1	SW559	H.264(1)	RTP
2			RTSP
3			RTSP
4			RTSP
5			RTSP
6			RTSP
7			RTSP

Default parameter of NX400 is RTSP (TCP). Since V-series doesn't support RTSP (TCP) in current firmware, you should change "RTSP" to "RTP". Otherwise, image will not be displayed.

- The connection method will become valid when the compression type is "H.264" or "H.265".
- The connection method setting is unavailable for other manufacturers' cameras.
- The connection with the camera to perform SD memory recording is RTSP.

7. Camera Adjustment

- As same as NV300 procedure



Thank you

