



Introduction of NP502/ NW502 enhancement

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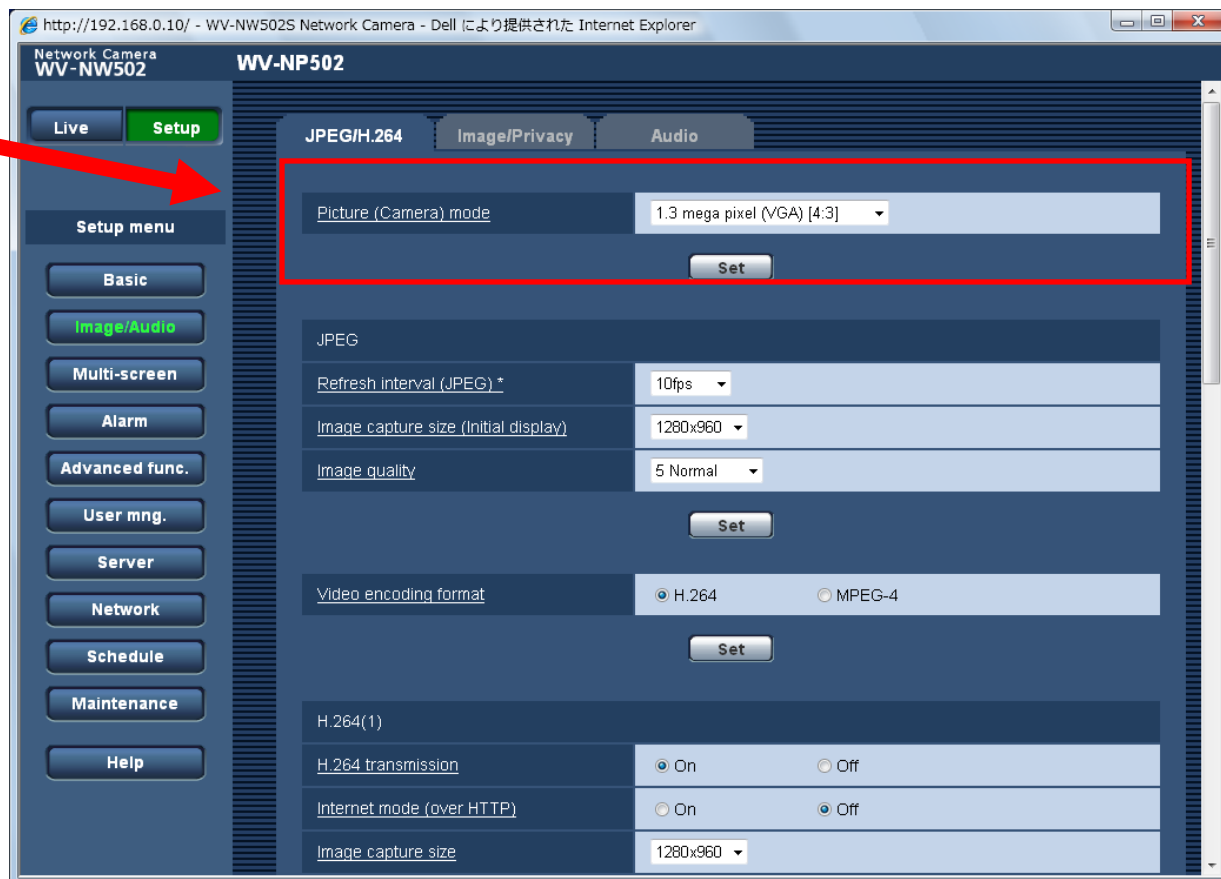
- 1 Support HD/720 mode and HD/1080 mode
- 2 Support SVGA (800x600) mode
- 3 H. 264 SD memory recording
- 4 Face detection with Super Dynamic

	Firmware version	Driver soft version
WV-NP502	Ver.1.10	Ver.1.06
WV-NW502S		

1. Setting value composed of the aspect ration (4:3/ 16:9) will be introduced
2. 800x600 (SXVGA) has been added to the available Image capture sizes

【Picture mode】

- 1.3 megapixel (VGA) [4 : 3]
- 1.3 megapixel (SVGA) [4 : 3]
- 1.3 megapixel [16 : 9]
- 3.0 megapixel [4 : 3]
- 3.0 megapixel [16 : 9]



Record H.264 video onto SD card

1. H.264 video recording on SD memory card
2. MPEG4 video recording on SD memory card

【Save trigger】

The following value are available as a save trigger

1. Alarm input

Records a video at an Alarm occurrence

2. Manual

Records video manually

【Recording priority】

Select “Constant bit rate” or “Frame rate specified”

【Frame rate】

Select the frame rate for images to be recorded from 1fps - 30fps

The screenshot displays the web interface for a WV-NP502 Network Camera. The interface is divided into several sections:

- Left Sidebar:** Contains navigation buttons for 'Live', 'Setup', 'Basic', 'Image/Audio', 'Multi-screen', 'Alarm', 'Advanced func.', 'User mng.', 'Server', 'Network', 'Schedule', 'Maintenance', and 'Help'. A red arrow points to the 'Alarm' button.
- Top Bar:** Shows the camera model 'WV-NP502' and tabs for 'Basic', 'SD memory card', and 'Log'. The 'SD memory card' tab is selected.
- SD memory card Section:** Contains settings for 'SD memory card' (Use/Not use), 'Recording format' (JPEG/H.264), 'Remaining capacity notification' (50%), 'Save trigger' (Alarm input), 'Overwrite' (On/Off), 'File name', 'Image saving interval/Number of images to be saved' (1fps/100 pics), and 'Image capture size' (VGA). A red box highlights this section, and a red arrow points to the 'Alarm' button in the sidebar.
- H.264 recording Section:** Contains settings for 'Image capture size' (VGA), 'Recording priority' (Constant bit rate/Frame rate), 'Frame rate' (30fps), 'Max bit rate' (1536kbps), 'Image quality' (Normal), and 'Refresh interval' (1s). A red box highlights this section, and a red arrow points to the 'Frame rate' dropdown menu.

Record H.264 video onto SD card

1. Pre alarm recording on SD memory card
2. Post alarm (recording) duration on SD memory card

【Pre alarm】

Determine whether or not to perform the pre-alarm recording. When “Use” is selected, approx. 1MB image data is always saved during the pre alarm recording

【Post alarm duration】

Set the duration to save image data on the SD memory card after an alarm occurrence.

10–300 sec

The screenshot shows the web interface for a WV-NP502 Network Camera. The left sidebar contains a 'Setup menu' with buttons for 'Basic', 'Image/Audio', 'Multi-screen', 'Alarm', 'Advanced func.', 'User mng.', 'Pre alarm', 'Network', 'Schedule', 'Maintenance', and 'Help'. A red arrow points to the 'Pre alarm' button. The main content area is titled 'WV-NP502' and contains several configuration sections. The 'H.264 recording' section is highlighted with a red box and includes the following settings:

H.264 recording	Max bit rate: 1536 kbps	Recording (Memory) Size per an alarm: 6 Mbyte	
Pre alarm	<input type="radio"/> Use	<input checked="" type="radio"/> Not use	Pre alarm (Recording) duration: 5sec
Post alarm (Recording) duration	30	sec	

Below this section, there is an 'Alarm output terminal setup' section with the following settings:

Alarm output trigger	<input type="radio"/> On	<input checked="" type="radio"/> Off
Alarm output type	<input checked="" type="radio"/> Latch	<input type="radio"/> Pulse
Trigger output	<input type="radio"/> Open	<input checked="" type="radio"/> Close
Pulse width	1	sec. (1-120sec)

Picture mode and resolution table

Picture mode	Image capture size for video			Image capture size for still picture
	H. 264 (1)	H. 264 (2)	Videos recorded on SD memory card	JPEG
1.3 Megapixel [4 : 3] (Max. 30fps)	1280 × 960 (SXVGA) 640 × 480 (VGA) 320 × 240 (QVGA)	640 × 480 (VGA) 320 × 240 (QVGA)	1280 × 960 (SXVGA) 640 × 480 (VGA) 320 × 240 (QVGA)	1280 × 960 (SXVGA) 640 × 480 (VGA) 320 × 240 (QVGA)
1.3 Megapixel [4 : 3] (Max. 30fps)	1280 × 960 (SXVGA) 800 × 600 (SVGA) 320 × 240 (QVGA)	800 × 600 (VGA) 320 × 240 (QVGA)	1280 × 960 (SXVGA) 800 × 600 (VGA) 320 × 240 (QVGA)	1280 × 960 (SXVGA) 800 × 600 (SVGA) 320 × 240 (QVGA)
1.3 Megapixel [16 : 9] (Max. 30fps)	1280 × 720 (720p) 640 × 360 320 × 180	640 × 360 320 × 180	1280 × 720 (720p) 640 × 360 320 × 180	1280 × 720 (720p) 640 × 360 320 × 180
3.0 Megapixel [4 : 3] (Max. 15fps)	1280 × 960 (SXVGA) 640 × 480 (VGA) 320 × 240 (QVGA)	640 × 480 (VGA) 320 × 240 (QVGA)	1280 × 960 (SXVGA) 640 × 480 (VGA) 320 × 240 (QVGA)	2048 × 1536 1280 × 960 (SXVGA) 640 × 480 (VGA)
3.0 Megapixel [16 : 9] (Max. 15fps)	1920 × 1080 (1080p) 640 × 360 320 × 180	640 × 360 320 × 180	640 × 360 320 × 180	1920 × 1080 (1080p) 640 × 360 320 × 180

*H.264(2) doesn't work when H.264 are selected for SD memory card recording

Face detection with Super Dynamic

Set
Face detection turn ON
Super Dynamic turn ON



http://192.168.0.10/ - Image adjust - Dell により提...

*Any changes are updated immediately

Image adjust

Super Dynamic(SD)	<input checked="" type="radio"/> On	<input type="radio"/> Off
Face SD	<input checked="" type="radio"/> On	<input type="radio"/> Off
Adaptive black stretch	<input type="radio"/> On	<input type="radio"/> Off
Back light compensation (BLC)	<input type="radio"/> On	<input type="radio"/> Off
Mask area	[Start] [End] [Reset]	
Light control mode	Outdoor scene	
AGC	On(High)	
Auto Slow shutter	Off(1/30s)	
Black & white mode	Auto1(Normal)	
Level	<input checked="" type="radio"/> High	<input type="radio"/> Low
Dwell time	10s	
White balance	ATW1	[Set]
Red gain	[Slider] 128 [Reset]	
Blue gain	[Slider] 128 [Reset]	
DNR	<input checked="" type="radio"/> High	<input type="radio"/> Low
Stabilizer	<input type="radio"/> On	<input checked="" type="radio"/> Off
Chroma gain level	[Slider] 128 [Reset]	
Aperture level	[Slider] 20 [Reset]	
Pedestal level	[Slider] 142 [Reset]	

[Close]

Provides better identification on the face and around the face even under the high lighting contrast situation

