

This document describes WV-SW115 firmware version up (Application Firmware) Information.  
 1. Release version: Version 2.50  
 2. Release Note Reference Number: SW115-007

## WV-SW115 Firmware Release Note

VER (ActiveX VER) Release Date	Priority Rank Level				Issue (Phenomenon)	Occurrence condition	Correspondence
	A	B	C	U			
Ver1.84 (4.17.01) Apr.,'14	-				First production		
2.11 (4.27.02) Nov., '14	C			X	-	-	Supported displaying H.264/JPEG images on Safari (v5.1.7), Firefox (v32.0.3) and Google Chrome (v38.0.2125). Notes: there are some restrictions as follows; 1. To display H.264 images, required installing QuickTime plug-in (v7.7.6). 2. H.264 supports Unicast only and delays approx. 3 seconds. 3. Audio is available only in H.264 (is NOT available in JPEG) and supports G.711 only. Furthermore, it supports only "Audio reception" (receive audio from camera). 4. Full screen opens new window, So, it must be within the maximum number of concurrent access user.
				X	-	-	Improved displaying live picture even if the setting of the Compatibility View on Internet Explorer11 were "Off".
				X	-	-	For SD memory card, added warning output, usage information and error information. Notes: 1. The model number of SD memory card is displayed according to the information retrieved from SD memory card. 2. The "Total use time" is Not updated real-time but is updated every 1-hour.
				X	-	-	Supported time and camera title can be displayed by separation. Note: it must be sent a cgi command.
				X	-	-	Changed indication order of ONVIF® Profile when obtaining them; Previous: Ascending order of resolution in JPEG New: Descending order of resolution in H.264
				X	-	-	Reviewed and updated the Time Zone values
				X	Unable to download the Alarm log. (Occurrence frequency: High)	When "Not Use" is selected for SD memory card and either "H.264(1)" or "H.264(2)" (in grey) is selected for recording compression.	Fixed.
				X	By detecting interruption of a camera connection for 2 minutes and leaving message "Connection has been disconnected. Please confirm connection." more than 2 minutes, the message on another camera would be sent every 30 seconds.	In a case, two or more cameras were registered and selected multi-screen.	Fixed.
				X	In second alarm, FTP alarm notification sent post-alarm images without pre-alarm JPEG images. (Occurrence frequency: High)	In a case, the followings were set; - "Not Use" for SD memory card - JPEG recording (in grey). - Alarm (in grey)	Fixed.
				X	In RTP over RTSP over HTTP, no replied to GET connection.	In a case, Method of POST connection became BASE64 and divided packets.	Fixed.
		X	GET Connection was disconnected before replying RTSP Error.	In a case, sending RTSP Method while disconnecting POST in RTP over RTSP over HTTP every time.	Fixed.		
		X	Replied RTSP with a header of Speed. (Occurrence frequency: High)	When specifying "Rate-Control: no".	Fixed.		

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	A	B	C	U		Issue (Phenomenon)	Occurrence condition	Correspondence
2.11 (4.27.02) Nov., '14				X	-	-	In information range for GetRecordingOptions command, the responses of CompatibleSources was vary depends on job generation state.	
			X		The following issues occurred; 1. E-mail notification: No images attached 2. FTP Periodic image transmission: Not sent 3. 1-shot image: Solid black. (Occurrence frequency: High)	In a case; - "Not Use" is selected for SD memory card - either "H.264(1)" or "H.264(2)" (in gray) is selected for recording compression. - No configuration settings related with video after restarting.	Fixed.	
			X		Added unnecessary "0" at the end of POST connection of RTP over RTSP over HTTP.	-	Fixed.	
			X		Replied "500 Internal Server Error" by specifying a time that was out of recording to play.	While playing back on SD memory card.	Fixed to replay "404 Not FoundJ".	
			X		FTP periodic image transmission did not send correct intervals; Example: 54-55 images per 60 sec although defining 1 image per 1 sec. (Occurrence frequency: High)	-	Fixed.	
Ver2.30 (4.27.0.2) Feb., 2016				x	-	-	Improved not to access unnecessary memory.  Changing configuration settings by CGI commands as follow for Capture size, Bit rate and Frame rate, will be stored onto Flash-ROM. But it will be done if the CGI command contains another parameter. Also, it will be done if the command contains 2 or more parameters.  /set_h264?nr_framerate /set_h264?nr_h264_quality /set_h264?nr_h264_resolution /set_h264?nr_h264_bandwidth /set_h264_2?nr_framerate /set_h264_2?nr_h264_quality /set_h264_2?nr_h264_resolution /set_h264_2?nr_h264_bandwidth /setdata?H264NRFRAMERATE /setdata?H264NRFRAMERATE_2	
				x	-	-	Added a notice for each screen that alarm notification will not be appeared while displaying VMD.	
				x	-	-	Regarding the header (WS-Addressing) which is attached with ONVIF® commands, supported WS-Addressing in August 2004, used to be the one in August 2005 only.	
Ver2.40 (4.27.0.2) Apr., '16				x	-	-	1. Changed factory default setting value at User Authentication from "OFF" to "ON". 2. Deleted pre-registered User name (admin), and Password (12345). 3. All users must register User name(s) and Password(s) at initial access. - User name: 1 to 32 characters - Password; 8 to 32 characters, two or more types of characters among alphabets, numbers and symbols. Note: Currently registered User name(s) and Password(s) will NOT be deleted by upgrading firmware, however, you have to register them under the new policy (above "3") after initializing (default reset) by the INITIAL SET button or by the setup menu.	

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2.41 (4.27.02) June, '16	C			x		Backup of recorded picture (in JPEG) from SD memory card to WJ-ND400 may be solid black.	-	Fixed.
				x		Unable to download video by "500 Internal Server Error".	When downloading video from browser during overwrite deletion.	Fixed.
				x		H.264 video within the latest log on SD memory card may not be able to download by web browser.	-	Fixed.
				x		Video on SD memory card may not be able to playback become a solid black.	Depending on the subjects.	Fixed.
				x		A log of exceeding 1 hour may be created.	By downloading video while recording.	Fixed.
2.43 (4.27.07) July, '17	C				x	-	-	Changed company name to the new company name in the plug-in (ActiveX) software.
					x	-	-	Updated the URL of the support WEB site displayed on the screen.
				x		Screen may show solid black.	-	Fixed. Improved fail-safe processing at the occurrence of abnormality of image encoding processing unit so that to avoid displaying solid black.
				x		WV-SW458 unable to transmit more than 4Mbps.	On ONVIF®.	Fixed.
				x		Recording on SD memory card may be stopped.	When writing error to SD memory card with 2MB/20MB recording setting.	Fixed.
2.44 (4.27.07) Feb.,'18	C				x	-	-	Improved security.
Ver2.50 (4.27.07) Jun.,'18	C				x	-	-	Changed factory default setting for Authentication method; Previous: "Digest or Basic" New: "Digest"  For more details: <a href="#">security_upgrade_June2018.pdf</a>
					x	-	-	Changed password policy that it must include at least 3 types of characters among "upper case letters / lower case letters / numbers / symbols". <b>Note:</b> Original passwords and authentication method of products on the system are kept unchanged even firmware and software have been updated.  For more details: <a href="#">security_upgrade_June2018.pdf</a>
				x		Streaming may stop at camera startup while setting in multicast streaming.	-	Fixed.

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