PANASONIC

WV-S4150/S4550L/S4550LM Release Note

This document describes software package upgrade for WV-S4150/S4550L/S4550LM.

1. Release version： 4.00
2. Release Note Reference Number： S4150_008

VER (ActiveX VER) Release Date	Priority Rank Level				Contents Priority Rank Level A: Recommend to apply (Major or serious update) B: When issue happened C: Maintenance timing U: Function /Performance improvement (Not Necessary to update) *: ONVIF is a trademark of Onvif, Inc.		
	A	**B**	**C**	**U**	**Issue (Phenomenon)**	**Occurrence condition**	**Correspondence**
1.01 (4.50.31) Dec., '17					First production.		
1.10 (4.50.31) Feb., '18				x	For WV-S4150 only: Upgrade this version for using with Extension Software WV-SAE303(W) only.		
					-	-	Supported Extension Software WV-SAE303(W).
1.11 (4.50.31) Mar., '18			C	x	Administrator password may be deleted.	-	Fixed.
				x	-	-	Improved picture quality by reducing noises of moving objects while "Intelligent Auto" = "ON".
				x	Camera may restart unexpectedly upon receipt of CGI command "/cgi-bin/initial?cmd=restart".	-	Fixed.
				x	Unable to change Image capture mode by CGI command "/cgi-bin/set_imgmode".	-	Fixed.
				x	Camera may restart unexpectedly.	In case high load such as; - Multiple stream transmission - Select "AAC-LC" at Audio transmission mode - AUTO VIQS = "On"	Fixed.
1.20 (4.50.31) Jun., '18			C	x	-	-	Improved communication stability by notifying switch to turn ECO mode OFF if using with the switch in "ECO mode".
				x			Changed factory default setting for Authentication method; Previous: "Digest or Basic" New: "Digest"
							For more details: security_upgrade_June2018.pdf
				x	-	-	Changed password policy that it must include at least 3 types of characters among "upper case letters / lower case letters / numbers / symbols". For more details, click here. Note: Original passwords and authentication method of products on the system are kept unchanged even firmware and software have been updated.
							For more details: security_upgrade_June2018.pdf
				x	-	-	Added user authentication at host authentication.
				x	-	-	Became saving history of login failure into system log.
				x	-	-	Added "<< Latest 100", "Number of pages display" in "Systemlog".
				x	-	-	Expanded the parameter of the cgi command "get_io2".

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January 29, 2018
Panasonic Corporation

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1.20 (4.50.31) Jun., '18	C				x	-	-	Added types of the Panasonic Alarm Notification as follow; SD Memory Card Write error / SD Memory Card Read error / SD Memory Card File Delete error / SD Memory Card File system error / SD Memory Card Other error
					x	-	-	Added SD memory card password lock" to "SD memory card security settings".
					x	-	-	Changed factory default setting for "Bandwidth control(bit rate)" Previous: Unlimited New: 51200kbps
					x	-	-	Changed factory default setting of "Shaping of stream from "On" to "Off".
				x		Unable to change the settings of cgi command "reg_mailaddr".	-	Fixed.
				x		If an RTSP header contains two or more User-Agent headers. no HTTP400(Bad Request) error returned and ignore the second and subsequent User-Agentheaders.	-	Fixed.
1.21 (4.50.31) Aug., '18	C			x		Solid black image may be displayed due to outputting video takes time.	During sequence operation with the network disk recorder.	Fixed.
				x		SD memory backup recording did not stop.	By turning power on / off while SD memory backup recording during connecting with the network disk recorder.	Fixed.
Revised on Sept. 7, 2018				x		Camera may restart by ~~both~~ network disk recorder ~~with "SD memory backup" enabled or~~ and image management software (WV‐ASM series) are in sequence mode ~~simultaneously~~.	-	Fixed.
				x		Camera may restart by downloading the data that backed up onto SD memory card.	-	Fixed.
				x		Recording may not resume at restarting camera.	In a case the communication state is unstable.	Fixed.
				x		Recording may not stop at communication restoration.		Fixed.
Revised on Nov. 7, 2018			x			Frame rate and bit rate may drop.	By transmitting H.264/H.265/JPEG live images continuously over 1 year without being rebooted.	Fixed.
				x		May not be able to zoom in with multi-screen display by dragging with mouse.	-	Fixed.
				x		Camera may restart by disconnecting the camera's LAN cable while transmitting video in UDP.	In AC power operation.	Fixed.

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1.21 (4.50.31) Aug., '18	C			x		Recorders may not detect alarm notification even if cameras detect VMD at Stream 2.	-	Fixed.
				x		VMD on stream 2 through 4 may not detect by defining VMD area from recorders under 4-stream mode.	-	Fixed.
				x		In the connection with WV-ASM300, REC lamp on WV-ASM300 may not be lit even when manual recording on the SD memory card is started.		Fixed.
1.22 (4.50.31) Nov., '18	C			x		Multicast related settings ("Transmission type" setting and some others) may restore to the factory default settings by upgrading firmware from version 1.11 (or earlier) to version 1.20 (or later).	-	Fixed.
				x		Setting values for SNMP may be restored to factory default by downgrading the firmware from version 1.20 (or later) to earlier than version 1.20.	-	Fixed.
Ver1.23 (4.50.31) Dec.,'18	C				x	-	-	Settings of "HTTP max segment size(MSS)" to be relating to the camera action; - JPEG transmission for Face Best Shot - "HTTP alarm notification"
				x		Camera may restart, unexpectedly. (Occurrence frequency: Rare)	In case of high load such as multi-stream transmission at 60fps etc.	Fixed.
				x			By receiving ONVIF command continuously.	Fixed.
				x		Camera may send corrupt AAC-LC data.	When the transmission is delayed due to the network environment etc.	Fixed.
				x		Video distribution may not be possible.	When the configuration of UI setting for Baseline Profile were as follow; - 30fps, H.264, FHD, Other than VBR	Fixed.
				x		Communication error may occur. (Occurrence frequency: Rare)	While connecting with Network Disk Recorder, WJ-NX series.	Fixed.
Ver4.00 (4.50.35) Feb.,'19	C			x		The refresh interval value may not be reflected in the CGI command as follow; /cgi-bin/set_h264?f_priority=4&nr_framerate=1&h264_bandwidth=64&h264_quality=9&h264_Ivop=0.2	-	Fixed.
				x		Black screen may be displayed back while recording H.264/H.265 to SD memory card and turning power Off and On.	-	Fixed.
					x	-	-	Improved resolution feeling in JPEG still image update at multi screen in full screen display.
				x		May not be able to change the save destination at the time of FTP periodical transmission error.	-	Fixed.

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Ver4.00 (4.50.35) Feb.,'19	C				x	ONVIF RTSP Multicast transmission may not work.	-	Fixed.
					x	-	-	Added dedicated URL for H.265 at RTSP; rtsp://<IP address>/Src/MediaInput/h265/stream_1
				x		The settings of SMTP server may return before the setting by restarting the camera.	-	Fixed.
					x	-	-	Enhanced security.
					x	-	-	Changed the URLs of hype-link destination according to change of support page URL (from "http" to "https").
				x		Displayed full screen on the main monitor when placing IE on the sub monitor and clicking the full screen display button.	When using the two monitor screens of main and sub.	Fixed.
					x	-	-	Improved the visibility of characters in the date/time screen.
					x	-	-	Improved the resolution feeling.
					x	-	-	Added a message as follow in the "Schedule" page; "VMD permission" is required when assigning the period to be detected. Setting is not necessary when detection at any time.
					x	-	-	Changed a message by clicking the Delete button in the log list window to; Delete the log and image as the result of retrieval including the page where log is not displayed. （All of data selected by "Event" and "Recording time" are deleted.）
				x		The recorded data of the log one before the relevant time might be downloaded when downloading the recorded data from the log list.	-	Fixed.
				x		Camera may restart unexpectedly while receiving ONVIF command continuously.	-	Fixed.
				x		XML may be a syntax error by ONVIF Event command due to the XML namespace prefix was not defined at WS-Addressing.	-	Fixed.
				x		Multicast parameters did not appear in the Milestone stream setting when ONVIF camera was registered in Media 2.	-	Fixed.
				x		-	-	Improved the action of "/cgi-bin/get_io2?format=3&". [Note] Corrected not to notify by the above CGI response each time command alarm was continuously detected.
				x		When one network is disconnected from the network, the same alert screen is displayed for other cameras.	While using multi-screen display.	Fixed.

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Ver4.00 (4.50.35) Feb.,'19	C				x	Camera may restart when a file which cannot be deleted were created during JPEG overwrite recording on the SD memory card.	-	Fixed.
					x	RTC communication may not be able to be normal in rare cases when turning power from OFF to ON. (Occurrence frequency: Rare)	-	Fixed.
					x	When deleting SD card data on the log list screen, data that can not be deleted may be left while displaying the play window.	-	Fixed.
					x	H.264 streaming of ch 4 may not be able to be delivered normally depending on the distribution order.	When multicast is delivered in 4 stream mode	Fixed.
				x		-	-	Added switching function (automatic switching) of differential mode in order to increase the person counting accuracy at the time of local congestion
					x	Transmission type (H.264/H.265) and image capture size of stream may not be changed (transmission type and image capture size hold before change).	If those were changed within 2 minutes after the network had been disconnected with over RTSP connection.	Fixed.
				x		-	-	Improved visibility of "SDREC" button on the window for tablet PC.
					x	-	-	Changed encryption method of setting data along with strengthening security. [Importtant Information] It is not possible to restore the setting data backed up with firmware version 4.00 (or later) to the camera that operates in version earlier than Ver 4.00.