

This document describes software package upgrade for WV-S3131L/S3111L/S3531L/S3511L/S3532LM/S3512LM.

1. Release version: 4.50
 2. Release Note Reference Number: S3531L_012

VER (ActiveX VER) Release Date	Priority Rank Level				Contents		
	A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence
Ver4.00 (4.50.35) Mar.,'19					First production.		
Ver4.01 (4.50.35) Feb.,'19	B		x		The oldest recorded data may not be able to play back.	When the setting of overwrite recording to SD memory card is "On".	Fixed.
				x	Communication may stop even if connected with a PC or switch after starting up by PoE injector or external power supply (24V AC / 12V DC).	-	Fixed.
Ver4.10 (4.50.35) June,'19	C			x	-	-	Security has been enhanced.
				x	Audio may not output by attempting to connect two sessions simultaneously and failure to authenticate one of them.	-	Fixed.
				x	-	-	Added a note in the window of DDNS setting page when using "Dynamic DNS Update", "Dynamic DNS Update(DHCP)".
				x	-	-	Supported multi-browsers other than the Internet Explorer. Some restrictions apply: click here for details.
				x	-	-	Improved smooth text display by changing the texts on the screen from 2 gradations to grayscale.
				x	-	-	Added a CGI command to make an alarm; /Set?Func=SoftTrigger or /cgi-bin/Set?Func=SoftTrigger or /cgi-bin/comalarm.cgi
				x	-	-	Added interference detection information to additional information when using the i-VMD function of Extension software.
				x	-	-	Display the license of open source software (OSS) on upgrade screen.
				x	ONVIF communication may become a cause of destroying resources.	-	Fixed.
				x	-	-	Fixed Session Description Protocol/SDP (IPv6) on ONVIF.
				x	Unable to find ONVIF search.	-	Fixed.
				x	Improved the detection capability of "face with mask" at face detection in cooperation with Facial Recognition Server Software, WV-ASF 950 series and so on.	-	Fixed.
				x	-	-	The file may not be found by opening the log list during overwrite recording of the SD memory card and attempt to browse.
		x	-	-	The camera may restart by encrypting the stream 1 only, selecting audio transmission mode AAC-LC and recording video and audio simultaneously.		

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VER (ActiveX VER) Release Date	Priority Rank Level				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)	Contents		
	A	B	C	U		Issue (Phenomenon)	Occurrence condition	Correspondence
Ver4.11 (4.50.35) July,'19	C			x	The face best-shot image used to display face search history data on Video Management Software may not be created correctly. (Occurrence frequency: Rare)	-	Fixed. Note: The cameras are NOT recommended to use the face best-shot function.	
				x	The camera may restart when live sequence display by network disk recorder or Video Management Software without distributing H.264 or H.265 for recording. (Occurrence frequency: Rare)	-	Fixed.	
Ver4.20 (4.50.35) Sept.,'19	C			x	-	-	In FTP / SNMP authentication, "Authentication error" is logged in the system log by failing authentication more than a certain condition.	
				x	-	-	Supported EasyIpSetup software (Ver4.31R00) and became to display serial numbers of devices.	
				x	-	-	Updated (Enhanced) SNMP MIB information. The document of i-PRO camera management information (MIB) is available at the following URL; https://security.panasonic.com/training_support/panasonic_device_integration/snmp-mib/	
				x	-	-	Improved so that available to connect with HIKVision recorder by CGI command.	
				x	Recording may not stop when changing imaging capture mode.	-	Fixed.	
				x	VMD Alarm may not be detected even if crossing the line at the bottom of the screen.	-	Fixed.	
				x	The slide-bar for VMD may not be able to be slid.	In Compatibility View mode on Internet Explorer.	Fixed.	
Ver4.22 (4.50.35) Nov.,'19	C			x	"Transmission type" and "Multicast address" configured by system configuration tool, may not be saved.	-	Fixed.	
				x	-	-	Improved a phenomenon that CPU load might increase after updating for V4.20.	

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Ver4.23 (4.50.38) Jan.,'20	C				x	-	-	Supports multi-browsers Google Chrome, Firefox and Microsoft Edge in addition to Internet Explorer for; - the setup screen of the extension function "i-VMD" - i-VMD frame display on the live image - the face detection frame on the live image
					x	-	-	Changed the company name in the plug-in software Active X to the new one.
				x		Rebooting may cause the image to be out of focus when the extension function "face best-shot" is enabled.	-	Fixed.
Ver4.25 (4.50.38) Mar.,'20	C			x		The camera may restart unexpectedly due to the irregularity in the data transmission/receiving process in the memory. (Occurrence frequency: Rare)	-	Fixed.
				x		The camera may restart unexpectedly due to the irregularity in the alive monitoring process. (Occurrence frequency: Rare)	-	Fixed.
				x		The camera may show black images on its "Live" window. (Occurrence frequency: Rare)	-	Fixed.
Ver4.30 (4.50.38) April,'20	B				x	-	-	Added "SNMP trap setting" in [Network] > [Advanced] > [SNMP]. (Click here for detail)
					x	-	-	Added a CGI command "/cgi-bin/setup_menu_disp?25fps=1" to make 25/50fps selectable on the "Image capture mode" menu.
			x			All sessions get disconnected by executing the ONVIF® commands for changing the framerate and the resolution.	-	Fixed.
				x		-	-	Changed the date character string format for response which responds via SNMP to "DateAndTime" format as it was not transmitted correctly.

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Ver4.30 (4.50.38) April,'20	B				x	-	-	Supports multi-browsers Google Chrome, Firefox and Microsoft Edge in addition to Internet Explorer for; - Playing back the images on SD memory card (Click here for detail)
					x	-	-	Changed the URL, QR code and Data_Matrix linked to the support page on the "Support" menu.
				x		Installing "CA certificate" opens two installation screens, a small window and a tab.	-	Fixed.
				x		On the "/cam" window for mobile terminal, reloading the image will show the normal live images when the camera is switched to the "Access permission" period from inaccessible period.	-	Fixed.
					x	-	-	Improved the response when reconnecting in HTTPS connection on Windows 10.
			x			Selecting the image capture size on the "Image" tab may change the bit rate to 3Mbps.	-	Fixed.
				x		-	-	Corrected the coordinate of the transmitted contents in ONVIF Metadata.
					x	-	-	Enhanced the access restriction function of SNMP v1/v2. (Click here for detail)
					x	-	-	Enhanced security.
					x	-	-	Changed the below default setting. - [Internet mode]: from "OFF" to "ON" - [Viewer software (nwc4Ssetup.exe)] - [Smoother live video display on the browser (buffering)] : from "ON" to "OFF". (Click here for detail)
					x	The process load on the camera may become high unexpectedly when: - The LAN cable of the network disk recorder on thereceiving side is disconnected. - The network disk recorder is powered off. (Occurrence frequency: Rare)	When streaming H.265 video using RTP over RTSP protocol	Fixed.
					x	The camera may not record the images in an SD memory card.	-	Fixed.
			x	-	-	Changed the company name in the plug-in software Active X to the new one.		

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Ver4.31 (4.50.38) July,'20	B	x			The camera keeps changing the image brightness to low and high alternately until it is rebooted. (Occurrence frequency: High)	When the camera operates continuously with [Image capture mode] set to the default value "30fps mode" for more than approx. 2 years* without being rebooted. * This period will be shortened to approx 1 year for "60fps mode".	Fixed.	
Ver4.32 (4.50.38) Aug.,'20	B	x			Unable to connect to the "Viewnetcam.com" service (Occurrence frequency: High)	-	Fixed.	
Ver4.50 (4.50.38) Nov.,'20	B	x			The camera may reboot. (Occurrence frequency: Low)	Continued operation of the following: - sequence display with a network disk recorder - sequence display with WV-ASM series software when [Live image source] is set to "Camera"	Fixed.	
				x	-	-	Changed the behavior related to bit rate when the communication protocol is changed from "HTTP" to "HTTPS" as below. Previous versions: the camera automatically sets the bit rate to 4 Mbps when the selected one is larger than 4 Mbps. This version or later: the camera does not change the bit rate.	