



This document describes software package upgrade for WV-S2570L/S2270L(H)/S1570L(H).
 1. Release version: 5.02
 2. Release Note Reference Number: S2570L_010

WV-S2570L/S2270L(H)/S1570L(H) Release Note

VER (ActiveX VER) Release Date	Priority Rank Level				Contents			
	A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence	
Ver1.00 (4.50.35) May,'19					First production.			
Ver1.00 (4.50.35) July,'19					Supported Chinese market models, WV-S2270LH and WV-S1570LH.			
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			ONVIF communication may become a cause of destroying resources.	-	Fixed.
			x			Camera may not be able to be found by the ONVIF search.	-	Fixed.
			x			One of the authentications failed and the sound could not be heard when attempting to connect two sessions at the same time.	-	Fixed.
				x		-	-	Added displaying a note on the screen at Service in the DDNS setting screen, when "Dynamic DNS Update" or "Dynamic DNS Update (DHCP)" is selected.
				x		-	-	Improved the characters display in the screen from 2 tones to grayscale for smooth display.
				x		-	-	Added a CGI command to occur alarm; /Set?Func=SoftTrigger or /cgi-bin/Set?Func=SoftTrigger or /cgi-bin/comalarm.cgi
				x		-	-	Added tamper detection information to additional information when using the function expansion software "i-VMD"
		x		Unable to hear audio in both ONVIF and browser when setting the "Interactive(Half-duplex)" at Audio output and streaming AudioBackChannel in ONVIF.	-	Fixed.		
		x		The camera may restart due to memory access error. (Occurrence frequency: Rare)	-	Fixed.		

Corrected on Nov. 8, 2019



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	A	B	C	U			
Ver4.21 (4.50.35) Nov.,'19	C			x	Rarely, the focus may not be optimum during autofocus operation when switching between Color and Black/White in low contrast environments such as low illuminance and point light source.	-	Fixed.
					x	-	-
Ver4.23 (4.50.38) Jan.,'20	U			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	-	-	Improved the phenomenon that CPU load may increase after upgrading to version 4.20.
Ver4.30 (4.50.38) April,'20	B			x	-	-	Added "SNMP trap setting" in [Network] > [Advanced] > [SNMP]. (Click here for detail)
				x	-	-	Enhanced security.
				x	The camera may show a black image on the "Live" page.	-	Fixed.
		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.
				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			Manual recording may not work outside of "Access permission" hours on "Schedule".	-	Fixed.
		x	Except Chinese market models, WV-S2270LH and WV-S1570LH Installing "CA certificate" opens two installation screens, a small window and a tab.	-	Fixed.		

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Ver4.30 (4.50.38) April,'20	B			x	The resolution may not change to the designated JPEG resolution by sending the CGI command "Mode=Motion&Resolution=640x360".	-	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.	
					Except Chinese market models, WV-S2270LH and WV-S1570LH			
					x	-	-	Improved the response when reconnecting in HTTPS connection on Windows 10.
				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	-	-	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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	A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence	
Ver4.70 (4.50.38) March,'21	C				Except Chinese market models, WV-S2270LH and WV-S1570LH			
					x	-	-	Enabled both digital certificates "Digicert" and "GlobalSign". Note: Firmware upgrade does not change the certificate in a camera. Click here for further information in case of SSL communication.
					x	-	-	Improved the [HTTP alarm notification] function as follows: 1. Supports Digest authentication - The camera performs either "Digest" or "Basic" authentication according to the response from the HTTP server when initially accessed without ID and password. 2. Adds an error log for the failure in HTTP server user authentication - Displays "<HTTP alarm notification> authentication error" in the system log when the authentication fails. 3. Supports HTTPS Communication *except WV-S2270LH and WV-S1570LH - Entering "https://" in [Address] enables HTTPS communication.
					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.
				x		The RTP timestamp is delayed about 10 seconds per day on a certain video management system.	-	Fixed.
Ver4.80 (4.50.38) June, 21	C				x	-	-	Improved the camera response to the ONVIF command "GetVideoEncoderConfigurationOptions".
					x	-	-	Added the following actions for SD memory card error: - Displays the following alert when a bit rate higher than "8192kbp" is selected in [Max bit rate (per client)*]: "Since the value of "Max bit rate (per client)" of H.265/H.264 recording stream set for "Recording format" is larger than "8192kbps", there is a possibility an abnormality will occur in continuity of recorded video. It is recommended to set it to "8192kbps" or less." - Records SD memory card logs on the [Status] tab in the [Maintenance] page, in the case of loss of recording or abnormal response from an SD memory card - Sends Panasonic alarm protocol "Diag." to the destination servers designated in the [Notification] tab of the [Alarm] page, in the case of abnormal response from an SD memory card
					x	-	-	Enhanced security.

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Ver4.80 (4.50.38) June, 21	C			x			Corrected the camera response to the CGI command "cgi-bin/setdata".	
				x	The camera may show a black image. (Occurrence frequency: Rare)	When the setting in [Image capture size] or [Image capture mode] is changed repeatedly.	Fixed.	
Ver5.00 (4.60.30) April,'22	U	This version is for Chinese market models only (WV-S2270LH and WV-S1570LH)						
					x	-	-	Changed company name from "Panasonic i-PRO Sensing Solutions Co., Ltd." to "i-PRO Co., Ltd."
					x	-	-	Updated SNMP extended MIB: Changed the extended Object ID(OID) from Panasonic(258) to i-PRO(57501). Note: - This change applies only to the products manufactured in April, 2022* or later, and is not applied by firmware upgrade. *Serial number: VDxxxxxx - MIB file and manual are available at the following link: https://i-pro.com/global/en/surveillance/database/i-pro-device-integration/snmp-mib
					x	-	-	Changed the alarm name from "Panasonic alarm protocol notification" to "TCP alarm notification".
Ver5.02 (4.60.30) Mar 24	C			x			Added the "Download" function to "Viewer software (nwc4Ssetup.exe)" in the [Basic] tab of the "Basic" page.	
				x	The image might become greenish.	Continuous operation without powering off and on for more than 4.5 years.	Fixed.	