Panasonic

WV-X6533LN, WV-S6532LN, WV-X6533LNS and WV-S6532LNS Release Note

This document describes software package upgrade for WV-X6533LN(S)/S6532LN(S).

1. Release version: 4.70
2. Release Note Reference Number: X6533LN_011

March 26, 2021
Panasonic I-PRO Sensing Solutions Co., Ltd.

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)**

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VER (ActiveX VER) Release Date		Priority Rank Level					Contents		
WV-X6533LN WV-S6532LN	WV-X6533LNS WV-S6532LNS (Added: December 21, 2020)		A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence
Ver1.00 (4.50.35) July,'19							First production.		
Ver1.01 (4.50.35) Aug.,'19					x		The position of the preset position memory may be shifted in the pan direction.	After turning power off and on, also after making position refresh.	Fixed. Please make sure the existing preset positions after upgrading the firmware.
Ver4.20 (4.50.35) Sept.,'19		C				x	-	-	Improved accuracy of the privacy mask position at Pan/Tilt.
						x	-	-	Supported multi-browsers other than the Internet Explorer. Some restrictions apply: click here for details.
						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	-	- Corrected on Nov. 8, 2019	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	-	-	Improved Pan/Tilt operability when connected to VMS (Video Management Software).
					x		Failed upgrading firmware by sending a certain CGI command for camera operation under VMS (Video Management Software) environment. Also unable to operate Pan/Tilt.	-	Fixed.
					x		Pan/Tilt moves the opposite direction by tapping the right edge etc. on the tablet screen.	-	Fixed.
					x		There was a possibility of resource destruction in ONVIF communication.	-	Fixed.
					x		Camera may not be able to be found by the ONVIF search.	-	Fixed.
					x		Recording may not stop when changing imaging capture mode.	-	Fixed.
					x		"Auto track" by self-return does not work after losing the object when Lost object search of Auto track = "off".	-	Fixed.
					x		VMD Alarm may not be detected even if crossing the line at the bottom of the screen.	-	Fixed.

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Ver4.20 (4.50.35) Sept.,'19		C			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	-	-	Enhanced security.
					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		Zoom stops momentarily for each Zoom operation by making a PTZ operation with ContinuousMove command of ONVIF.	-	Fixed.
					x		The face best shot image, used to display face search history data in Video Management Software, may not be created properly. (Occurrence frequency: Rare)	-	Fixed.
					x		The camera may restart unexpectedly by displaying live sequence at network recorder while in recording.	-	Fixed.
					x		The patrol stop position may shift by becoming longer exposer time such as at night.	-	Fixed.
					x		The slide-bar for VMD may not be able to be slid.	In Compatibility View mode on Internet Explorer.	Fixed.
					x		Stop position by patrol may shift when the shutter becomes slower, such as at night.	-	Fixed.
					x		The camera may restart due to memory access error. (Occurrence frequency: Rare)	-	Fixed.
Corrected on Oct.9, 2019					x		Fixed the auto tracking standby display that was displayed as Operation mode display: On. (“AUTO TRACK WAITTING"--->"AUTO TRACK WAITING")	-	Fixed.
Added on Nov.25, 2019					x		The camera may fail in upgrading of firmware, in VMS (Video Management Software) connection environment (sending a certain CGI command for camera control), and become unable to do Pan/Tilt operation or the like.	-	Upgrade the camera with the file of firmware version 4.20 (or later) for a second time.

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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.
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.
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 (Added: June, 2020)		B				x	-	-	Added “SNMP trap setting” in [Network] > [Advanced] > [SNMP]. (Click here for detail)
					x		Out-of-focus may occur when "Auto focus" is set to "Off" and the focus is on the preset position.	When irradiating the subject with IR light	Fixed.
						x	-	-	Added a CGI command "/cgi-bin/setup_menu_disp?25fps=1" to make 25/50fps selectable on the "Image capture mode" menu.
						x	-	-	Private zone setting / Patrol setting: Changed the image display format from JPEG to H264/ H265 to make it easier to check the changes on the image.
				x			The camera recognizes a specific PoE+ injector as PoE.	The injector does not support the specification of PoE+ negotiation.	Added a CGI command "/cgi-bin/poe_ctrl?mode=on" to force the camera to start operating on PoE+ injector.
						x	-	-	Improved the response speed of the ONVIF command related to PTZ preset.

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Ver4.30 (4.50.38) April, '20		B			x		Live image may not be displayed and keeps showing warming-up warning. (Occurrence frequency: Rare)	When the camera has started in the low temperature out of specification. Then, restart the camera after rising to the temperature within specification.	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		Except Chinese market model, WV-S6533LNH		
							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	Except Chinese market model, WV-S6533LNH		
							-	-	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	-	-	Changed the default value of ONVIF DefaultPTZTimeout from 2 seconds to 60 seconds.
					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)

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Ver4.30 (4.50.38) April, '20		B		x			The below phenomena occur: - Fail in acquiring the setting data - Fail in upgrading firmware - Auto-pan does not stop at the time set to stop	Under both of below conditions: - “Maximum shutter” is 6/30s or longer - The shooting subject is dark	Fixed.
						x	-	-	Enhanced security.
						x	-	-	Changed the below default setting. - [Internet mode]: from "OFF" to "ON" (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.
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.
Ver4.50 (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.
					x		The position or area specified in the below operations is misaligned: - click to adjust the center position on the "Live" page - drag the mouse to select a desired area in the main area of Live image (Occurrence frequency: High)	When "Stabilizer" is "On"	Improved the positioning accuracy.

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	Ver4.50 (4.50.38) Dec., '20	-					First production.		
Ver4.60 (4.50.38) Feb., '21	Ver4.60 (4.50.38) Feb., '21	C				x	-	-	Improved the response to the CGI command "/cgi-bin/get_io2" by adding VMD ratio in percentage.
						x	-	-	Changed the dafault setting of [Transmission priority] to "VBR" when the browser's language is not Japanese.
						x	-	-	Changed the default setting of [Network Settings] in [Setup]-> [Network] page-> [Network] tab, from "Auto(Advanced)" to "DHCP".
							Added: March, 2021 Except Chinese market model, WV-X6533LNH		
						x	-	-	Added the On/Off setting for the Secure Real-time Transport Protocol (SRTP) function to the [Advanced] tab in [Setup]-> [Network] page.
						x	-	- Added: March, 2021	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-X6533LNH - Entering "https://" in [Address] enables HTTPS communication.
						x	-	-	Added the On/Off setting for ONVIF® to the [Network] tab in [Setup]-> [Network] page. (Default : On)
						x	-	-	Added the following note to the "HTTPS" window in [Setup]-> [Network] page-> [Advanced] tab. - When "HTTPS" is selected for "Connection", the maximum bandwidth(bit rate) is limited to 16Mbps.
					x		-	-	Corrected the RTSP protocol for transmitting H.265 images using ONVIF®.
					x		The camera does not issue a terminal alarm. (Occurrence frequency: High)	After the camera issues a terminal alarm, and the user turns off the terminal alarm during the time set in [Alarm deactivation time].	Fixed.
					x		The camera may reboot. (Occurrence frequency: Rare)	While performing JPEG recording.	Fixed.
					x		The camera may fail to load preset position when booted. (Occurrence frequency: Rare)	When using the ONVIF® commend "GetPresets" to obtain preset position.	Fixed.

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Ver4.60 (4.50.38) Feb., '21	Ver4.60 (4.50.38) Feb., '21	C			x		The camera does not display the full-width left parenthesis "(" on the live image.	-	Fixed.
					x		-	-	Corrected a typographical error in German from "Oibjektsuche" to "Objektsuche". Note: "Lost object search" in [Image/Audio] page-> [Image/Position] tab->[Auto track] ->[Auto track setting].
					x		UDP communication may be disconnected depending on the network environment. (Occurrence frequency: Rare)	When transmitting high resolution or high bit rate images.	Fixed.
						x	-	-	Enhanced security.
Ver4.70 (4.50.38) Mar., '21	Ver4.70 (4.50.38) Mar., '21	B				x	Except Chinese market model, WV-X6533LNH		
							-	-	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	-	-	Enhanced security.
				x			The camera reboots when connected to WV-ASM300. (Occurrence frequency: High)	When the camera repeatedly receives the requests to start and stop transmission from WV-ASM300 at short interval.	Fixed.
					x		The camera reboots when connected to a recorder. (Occurrence frequency: Rare)	Under both of below conditions: - [Maximum shutter] is set to "Max.2/30s" - The recorder is performing sequence display - When using both main monitor and sub monitor	Fixed.

Important notes for users of Chinese market models only:
1. The face detection function does not work when the frame rate is set to 25fps or 50fps.
2. Stabilizer does not work when the frame rate is set to 60 fps, 50 fps, or 25 fps.