

WV-X6531N(S)/X6511N Release Note

1. Release version: 1.92
2. Release Note Reference Number: X6531_013R2

VER (ActiveX VER) Release Date	Priority Rank Level				Issue (Phenomenon)	Occurrence condition	Correspondence
	A	B	C	U			
1.03 (4.50.14) May, '17					First production.		
1.05 (4.50.14) June, '17				x	Not working VMD function after a power cycle (turned power off then on) even if the VMD setting were activated.	On firmware version 1.03.	Fixed.
1.08 (4.50.14) July, '17	U			x	-	-	Improved Auto-Focus function.
1.20 (4.50.14) July, '17	U			x	-	-	Supported Extension Software, Model WV-XAE100W.
1.21 (4.50.14) Sept., '17	C			x	Camera may not start up at low temperature.	When using some certain PoE+ compatible switches.	Fixed.
				x	Aborted video transmission in multicast transmission.	When "On" is selected for "Stabilizer".	Fixed.
1.22 (4.50.14) Oct., '17	C		x		Camera picture may be solid black.	-	Fixed.
Ver1.70 (4.50.20) Nov., '17	C			x	-	-	Added a support page and so that it possible to access to support page by QR code.
				x	-	-	RTSP distribution abolished the constraint which was only unicast while selecting multicast.
				x	-	-	In CGI command, expanded the parameter of "get_io2". Added response format "3" so that information on sound detection / command alarm / i-VMD could be acquired.
				x	-	-	In ONVIF®, improved accuracy of PTZ value up to 5 decimal places.
				x	-	-	Profile S compliant service on ONVIF®, made available for streaming in H.265 settings.
				x	-	-	Added HD EX optical zoom function.
				x	-	-	Added a message in the setting screen for SD memory card; "It is not available when "60fps" is selected for [Image capture mode]."
				x	-	-	Tilt's coordinates were reversed for ceiling and tabletop installations.
				x	-	-	Changed the hue etc. even if only the brightness were changed.
				x	-	-	Missing display the "VMD / i-VMD" column in i-VMD "Alarm".
			x		When setting i-VMD depth, after drawing and registered rectangle, the coordinates of the rectangle would be shifted in the upper left direction when the screen was redisplayed.	Fixed.	

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Ver1.70 (4.50.20) Nov.,'17	C			x	At displaying system log, display the log in two lines. Also display shifting the date and time of occurrence and contents column each other.	In case outputting log with a long character string.	Fixed.	
				x	Camera may reboot by changing image capture mode.	When use with recorder.	Fixed.	
				x	Camera may reboot by accessing with a browser other than Internet Explorer (IE).	-	Fixed.	
					x	-	-	Deleted encryption protocol TLS 1.0 for security purpose.
					x	-	-	Improved Auto Focus speed at normal brightness and low light intensity.
					x	-	-	Improved optical zoom speed.
					x	-	-	Improved for the image at the high luminance part not to saturate over when Super Dynamic "On".
					x	RTSP connection may be disconnected upon receiving an incorrect RTSP request.	-	Fixed.
					x	RSTP connection may be disconnected very rarely by sending RTSP request reception and RTSP response transmission at the same time.	-	Fixed.
			x	-	-	Improved communication quality on video streaming in H.265/H.264.		
Deleted on Nov.29,2017					Except WV-X6511N:			
Ver1.80 (4.50.20) Dec.,'17	C			x	=	=	Added SD memory card password lock function.	
				x	-	-	Fixed an issue in the cgi command "/Set?Func=Bright&Kind=1&Data=-2"	
				x	-	-	Improved autofocus during manual zooming.	
Ver1.81 (4.50.20) Feb.,'18	U			x	Upgrading firmware might fail.		Fixed.	
Ver1.82 (4.50.20) Mar.,'18	C			x	For WV-X6531NH only.		Changed factory default setting values as follow; 传送模式: 恒定速率 带宽(每个客户端: 3072kbps 音频模式: 音频输出 输入音量: 线路中 AGC(音频): Middle	
				x	The specified image capture size may not be obtained even if it were specified with ImageViewer by CGI command.	-	Fixed.	
				x	-	-	Improved auto focus convergence speed quicker.	
				x	Administrator password may be deleted.	-	Fixed.	
Ver1.83 (4.50.20) Apr.,'18	C			x	"Additional info for detecting alteration" might not displayed on SD memory carsecurity settings.	-	Fixed.	
				x	-	-	Improved stabilizer to be more effective when it was used for a long time. Fixed.	

Revised on Nov.29,2017

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	A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence
1.90 (4.50.20) June, '18	C			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.
1.90 (4.50.20) June, '18	C			x	-	-	To improve security, saving history of login failure into system log.
				x	Except Chinese market model, WV-X6531NH.		
				x	-	-	Changed to improve security by encrypt and save setting data. Note: unable to restore the setting data if you would downgrade the firmware.
				x	-	-	Added headers of the html file for displaying screen as follow to prevent vulnerability of XSS (Cross-site scripting); (1) X-XSS-Protection: 1; mode=block (2) X-Frame-Options: SAMEORIGIN (3) X-Content-Type-Options: nosniff
				x	Except Chinese market model, WV-X6531NH.		
				x	-	-	Added "EAP-TLS" to the EAP method for IEEE802.1x.
				x	-	-	Added "Drawing method", "Decoding options" and "Frame Skip Options (When PC is Heavy Processing Load)" onto plug-in software.
				x	-	-	Added "Reboot" to "Schedule".
				x	-	-	Added a choice of "2pics/2s" for "Transmission interval" setting of "Transmission mode" in "Best shot function". Note: Concerning the models on this document, the models are NOT recommended to use the Best shot function.
				x	-	-	Changed factory default setting for "Bandwidth control(bit rate)" Previous: Unlimited New: 51200kbps
		x	-	-	Communication may be disconnected when acquiring network information with SNMP.		
		x	-	-	Network connection may not be possible due to the MAC address authentication with the network device may not be done properly at startup.		
		x	-	-	Temperature compensation at lens may not work correctly and the focus sometimes shifts little by little.		

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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
1.90 (4.50.20) June, '18 Added on July 27,2018	C			x	Unable to configure the setting relating to the e-mail notification by the cgi command "reg_mailaddr".	-	Fixed.	
				x	Focussing may not work.	-	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.	
				x	It was usable even if the certificate for using HTTPS has expired.	-	Fixed.	
1.91 (4.50.20) July, '18 Revised on Aug. 9, 2018 Revised on Aug. 9, 2018	C			x	Solid black screen may be apper during sequencing with the network disk recorder due to it takes time to output the video.	-	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.	
				x	Camera may reboot, unexpectedly.	When sequencing the network disk recorder and or the video management software (WV-ASM series) with " SD memory backup " enabled simultaneously .	Fixed.	
				x		By downloading the SD memory backed up data with the network disk recorder	Fixed.	
				x	Recording may not retain when restarting camera.	In an environment where the communication state is unstable	Fixed.	
				x	Recording may not stop at restoration of communication		Fixed.	
1.92 (4.50.34) Aug., '18	C			x	Did not work Hardware decode of plug-in software may not work when selecting compression method "H.265".	-	Fixed.	
			x	x	Frame rate may drop to approx. 0.2 fps.	By transmitting H.264/H.265/JPEG live images for a longtime: 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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