

WV-SFV130(M)/SFV110(M)/SFN130(H)/SFN110 Firmware Release Note

VER (ActiveX Ver) Release Date	Priority Rank Level				Contents	
	A	B	C	U		
	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.	
					Issue (Phenomenon) Occurrence condition Correspondence	
Ver2.40 (4.38.08) Apr.,'16	-				First production.	
Ver2.41 (4.38.08) May.,'16	U			x	Due to factory reason.	
Ver2.42 (4.38.08) May.,'16	U			x	Supported Chinese market models (WV-SFV130H, WV-SFV110H, WV-SFN130H and WV-SFN110H). - - Improved white balance performance at outdoor under Flicker less and Super Dynamic(SD) = "On".	
Ver2.43 (4.38.08) May,'16	C			x	Except Chinese market models (WV-SFV130H, WV-SFV110H, WV-SFN130H and WV-SFN110H). Unable to connect the cameras by the HTTPS protocol. After turning power off and on if the connection protocol were configured in "HTTPS" and using with the Root Certification Authorities (CA). Fixed.	
Ver2.50 (4.39.00) July,'16	C			x	- - Added choices of "Bandwidth control(bit rate)". 1024kbps/15360kbps/20480kbps/25600kbps/30720kbps/35840kbps/40960kbps/51200kbps	
				x	- - Added choices of "On(Mid)" and "On(High)" to "Smart Coding mode".	
				x	- - ONVIF®: Supported "WS Addressing".	
				x	- - Added information about place of product destination and model number with suffix to the reply of CGI command "/cgi-bin/getinfo".	
				x	- - Updated hyperlink to the web sites of support.	
					x	Layout of image display may be collapsed. By inputting "</script>" at input-field. Fixed.
					x	- - Corrected the vulnerability by upgrading OSS for NTP; [Prev.] ntp-4.2.6 p4 [New] ntp-4.2.8 p7
					x	Confirmation window would not appear even if "Bandwidth control(bit rate)" to be set less than "Max bit rate (per client)". When attempting to set "Bandwidth control(bit rate)" to be set less than "Max bit rate (per client)" on "H.264(2)" through "H.264(4)". Fixed.
			x	For Chinese market models (WV-SFV130/WV-SFV110H/WV-SFN130H/WV-SFN110H) only. - - Changed responses to CGI command "/cgi-bin/get_capability"; - Added 25/50fps at "viqs.support_mode" (a parameter that image capture mode can use VIQS) - Changed text string from "min_framerate.2m_2fps" to "min_framerate.2m_25fps".		
			x	The camera may restart, unexpectedly. In a case, connect/disconnect H.264 streaming , repeatedly. Fixed.		

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Ver2.52 (4.39.00) Dec.,'16	C			x		Replied to the "SetVideoSourceMode" command (ONVIF®).	-	Fixed.
				x		The Real-time Pull-Point Notification Interface did not conform to ONVIF®.	-	Fixed.
					x	-	-	Improved security.
Ver2.53 (4.39.00) Jan.,'17	C			x		Camera picture may become abnormal; - Appear a round-shaped shadow - False color in the entire screen.	In case of heavy CPU load settings like "Audio transmission/reception = Mic input".	Fixed.
Ver2.54 (4.39.00) Mar.,'17	C			x		Unable to work time adjustment function synchronizing with NTP server.	When the difference between the clock and the NTP server is within 5 seconds.	Fixed.
				x		Streaming in RTSP for the network disk recorder, Model WJ-NX400, may stop.	In case of operating continuously.	Fixed.
				x		Refresh interval may be switched to "8s", unexpectedly.	By changing "Transmission priority" of H.264 for the options other than "VBR", initiated by PSSCT or WJ-NV300 only if it is the first time from the installation of the camera.	Fixed.
Ver2.56 (4.39.23) Oct.,'17	U				x	-	-	Changed company name to the new company name in the plug-in (ActiveX) software.
					x	-	-	Updated the URL of support website displayed on screen.
Ver2.57 (4.39.23) Oct.,'17						For WV-SFN130H only. First production.		
Ver2.58 (4.39.23) Mar.,'18	C				x	-	-	Improved security.
					x	-	-	In CGI command of "get_io2", added new parameter "3" for "format" so that possible to obtain Command alarm / i-VMD information.
					x	-	-	Added new Panasonic alarm notifications as follow; SD-MEMORY WRITE ERROR SD-MEMORY READ ERROR SD-MEMORY DELETE ERROR SD-MEMORY FILESYSTEM ERROR SD-MEMORY OTHER ERROR
					x	-	-	Discarded a restriction that only "Unicast port (AUTO)" in RTSP transmission would be available when "Transmission type" is "On".
					x	Leaked POST connection.	in a case of disconnect network in "over HTTP" for 2 and half minutes or more.	Fixed.
					x	Image capture size may become incorrect.	By setting Image capture size from Image Viewer.	Fixed.
				x	Administrator password may be deleted.	-	Fixed.	

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Added on May 15, 2017

Added on June 5, 2017

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Ver2.60 (4.39.23) Jun., '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.
					x	Except Chinese market models (WV-SFV130H, WV-SFV110H, WV-SFN130H and WV-SFN110H).		
					x	-	-	To improve security, saving history of login failure into system log.
					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	-	-	Added "Drawing method", "Decoding options" and "Frame Skip Options (When PC is Heavy Processing Load)" onto plug-in software.
Ver2.70 (4.39.23) Sept., '18	C				x	-	-	Changed factory default setting for transmission rate: Previous: Unlimited New: 51200kbps
					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	Frame rate may drop.	By transmitting JPEG live images continuously over 1 year without being rebooted.	Fixed.

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