

WV-SBV131M/SBV111M 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	
Ver1.93 Ver1.92 (4.37.04) (4.38.07) Dec.,'15	-				First production.		
Ver1.94 (4.37.04) Feb.,'16	U			x	-	-	Supported upgrading firmware by ONVIF® command.
Ver2.40 (4.38.08) Apr.,'16	C			x	-	-	1. Changed factory default setting value at User Authentication from "OFF" to "ON". 2. Deleted pre-registered User name (admin), and Password (12345). 3. All users must register User name(s) and Password(s) at initial access. - User name: 1 to 32 characters - Password; 8 to 32 characters, two or more types of characters among alphabets, numbers and symbols. Note: Currently registered User name(s) and Password(s) will NOT be deleted by upgrading firmware, however, you have to register them under the new policy (above "3") after initializing (default reset) by the INITIAL SET button or by the setup menu.
Ver2.40 (4.38.08) Apr.,'16	C			x	It may not be able to startup. (Occurrence frequency : Rare)	-	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 p3 [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	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.
Ver2.54 (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.
Ver2.58 (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.
Ver2.60 (4.39.23) Jun.,'18	C				x	Administrator password may be deleted.	-	Fixed.
					x	-	-	Changed factory default setting for Authentication method; Previous: "Digest or Basic" New: "Digest"

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Added on May 15, 2017

Added on June 5, 2017

For more details: [security_upgrade_June2018.pdf](#)

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Ver2.60 (4.39.23) Jun.,'18	C				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	-	-	Became saving history of login failure into system log.
					x	-	-	Changed saving setting data with encryption. Note: unable to restore the setting data if you would downgrade the firmware.
					x	-	-	Made some other security measures enhanced.
					x	-	-	Added "Drawing method", "Decoding options" and "Frame Skip Options (When PC is Heavy Processing Load)" onto plug-in software.
					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.
Ver2.70 (4.39.23) Sept.,'18	C			x	Frame rate may drop.	By transmitting JPEG live images continuously over 1 year without being rebooted.	Fixed.	

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