



This document describes WV-U1142/ U2142L/ U2542L/ U1542L/ U2140LA/ U2540LA firmware upgrade Info.
 1. Release version: Version 2.25
 2. Release Note Reference Number: U1142A-011

March 31, 2023
 i-PRO Co., Ltd.

WV-U1142A, U2142LA, U2542LA, U1542LA, U2140LA, and U2540LA Firmware Release Note

WV-U1142A WV-U2142LA WV-U2542LA WV-U1542LA WV-U2140LA WV-U2540LA	Priority Rank Level				Contents			
	A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence	
Ver1.30 (4.60.04) Sept., '20	-				First production			
Ver.1.31 (4.60.10) Sept., '21	U			x	-	-	Added a CGI command to transmit H.265/H.264 stream without NAL unit. Without NAL: "cgi-bin/setdata?H264NONALFLG=1" With NAL (default): "cgi-bin/setdata?H264NONALFLG=0"	
				x	-	-	Changed the digital signature of the viewer software (nwc4Ssetup.exe) from "Panasonic Corporation" to "Panasonic i-PRO Sensing Solutions Co., Ltd."	
Ver.1.32 (4.60.10) Sept., '21	C			x	Unable to obtain the setting information of [Image capture mode] using the CGI command "/cgi-bin/get_capability".	When [Image capture mode] is "16:9 mode (2688x1520 30fps mode)" or "16:9 mode (2688x1520 25fps mode)"	Fixed.	
				x	Unable to change the [Image capture mode] using the CGI command "/cgi-bin/set_imgmode".	When changing [Image capture mode] to "16:9 mode (2688x1520 30fps mode)" or "16:9 mode (2688x1520 25fps mode)"	Fixed.	
Ver.1.40 (4.60.10) Oct., '21	B	x			The [Stream encoding format] menu is not displayed on the [Setup] screen-> [Image] tab, and H.264 streaming is not available. (Occurrence frequency: High)	-	Fixed.	
Ver.1.50 (4.60.10) Dec., '21	C			x			Added Link Layer Discovery Protocol (LLDP) setting tab to the [Advanced] tab on the [Network] page.	
				x			Supports Genetec Stratocast™.	
				x		-	-	Supports Message Queueing Telemetry Transport (MQTT) for alarm notification. MQTT setting has been added to the [Advanced] tab on the [Network] page.
				x		-	-	Supports TLS 1.3. TLS setting has been added to the "HTTPS" window on the [Advanced] tab in the [Network] page.
				x				Added the following note under the on/off setting of "Internet mode" on the [Image] tab in the [Image/Audio] page: "When "On" is selected, streams will be transmitted using the HTTP port. When "Off" is selected, streams will be transmitted using the UDP port."
				x		-	-	Added supported browser information to the camera response to IP Setting Software and the CGI command "getinfo".
			x		-	-	Changed the alarm name from "Panasonic alarm protocol notification" to "TCP alarm notification".	



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Ver.1.50 (4.60.10) Dec., '21	C				X	-	-	Added Subject Alternative Name (SAN) to the certificate signing request (CSR) for creating an HTTPS server certificate.
					X	-	-	Added "NTP test" function to the "NTP" window on the [Advanced] tab in the [Network] page.
					X	-	-	Improved the visibility of camera setting screen as follows: - Removed unnecessary titles - Switched the position of "Next" and "Back" button
				X		Unable to perform multicast transmission. (Occurrence frequency: Rare)	When the camera is started with the following settings: - "DHCP" is selected for "Network Settings" on the [Network] tab of the [Network] page - "Multicast" is selected for [Transmission type]	Fixed.
					X	-	-	Improved the accuracy of time synchronization with NTP server.
				X		The camera may stop image streaming. (Occurrence frequency: Rare)	Under both of the following conditions: - The camera is connected to a NX series recorder - The sequence mode or multiscreen setting has been changed on the recorder.	Fixed.
				X		Unable to configure OSD settings using the ONVIF command "SetOSD() tt:OSDConfiguration Token"	-	Fixed.
				X		Firmware upgrade may fail. (Occurrence frequency: Rare)	When upgrading the camera(s) connected to WJ-NX100.	Fixed.
				X		Long press on [Manual zoom adjustment] button or [Brightness adjustment] button incorrectly starts text input mode on the button. (Occurrence frequency: High)	On the setup menu of "/tab" window for tablet device.	Fixed.
					X	-	-	Changed the default setting of [Overwrite] from "Off" to "On" on the [SD memory card] tab in the [Basic] page.
			X	-	-	Modified the French description on the [User. Auth] tab and [Host auth.] tab as below: 1. Camera control - From "Com. cam. Vid" to "Contrôle camera" 2. Live only - From "En dir.sl" to "Flux direct"		

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	A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence
Ver.1.51 (4.60.10) Jan., '22	C			x	-	-	Improved the connection speed when streaming to Genetec Stratocast™ is disconnected.
				x	-	-	Corrected the OSS information of Mini-XML linked from "Click here for OSS information" on the [Support] page.
Ver.2.00 (4.60.30) Apr., '22	U			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
Ver.2.10 July, '22	U			x	-	-	Improved to display the image transmission log on the [Status] tab in the [Maintenance] page. Clicking the "Confirm" button of [Image transmission log] displays logs on a separate window.
				x	-	-	Added the note "Use the latest edition of the software product." to the [Upgrade] tab in the [Maintenance] page and [Software mng.] tab in the [Ext. software] page.
				x	-	-	Supports new Graphical User Interface (GUI) for the camera window. For details, refer to "New functions and addendum (New GUI)" (Control number: 0324) at the following URL for details: https://i-pro.com/global/en/surveillance/training-support/support/technical-information

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Ver.2.10 July, '22	U				x			Removed the following functions according to the Internet Explorer (IE) end of support: 1. Live window - "Viewer Software" button 2. [Basic] tab in the [Basic] page - "Status update mode" setting - "Status reception port" setting - "Viewer software (nwc4Ssetup.exe)" setting 3. [Log] tab in the [Basic] menu 4. [Image] tab in the [Image] page - "Internet mode (over HTTP)" setting 5. [Upgrade] tab in the [Maintenance] page - "Viewer software installation counter
					x	-	-	Improved the connectivity with Genetec server.
					x	-	-	Supports the extension software.
					x	-	-	Enhanced security.
Ver.2.21 Oct., '22	C			x		The occupancy detection area information is not included in the HTTP alarm notification from the camera.	-	Fixed.
					x	The frame rate and bit rate may not recover once they drop due to the environmental cause.		Fixed.
Ver.2.23 Dec. '22	B	x			The live image may not appear, as the maximum number of users concurrently accessible to the camera decreases.	When satisfying all of the following conditions: - Version 2.10 or 2.21 - [Internet mode] is set to Off by CGI command - H.264/H.265 transmission	Fixed.	



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Ver.2.24 Feb, '23	C			x	HTTPS connection is not available until the [Connection] setting is once switched from "HTTP" to "HTTPS", on the HTTPS setting page in the [Advanced] window.	-	Fixed.	
					x	-	-	Supports new CGI commands.
					x	-	-	Changed the default DHCP host name from COM MID1 to i-PRO-<MAC address of camera>.
					x	-	-	Supports replacing %25 with % in the destination address of HTTP alarm notification.
					x	-	-	Added "video_server.image.mode" parameters to the CGI command "/cgi-bin/set_imgmode".
					x	-	-	Changed the text color on the log list for the visibility improvement.
					x	It is not possible to reinstall an extension software application after uninstalling it.	The power of camera is turned off while uninstalling the extension software application.	Fixed.
					x	The camera cannot connect to a recorder and VMS on rare occasion.	TLS1.3 is selected for [HTTPS-Connection].	Fixed.
Ver.2.25 Mar. '23	U			x	H.265/H.264 live image may not appear.	When satisfying all of the following conditions: - Version 2.10 or later - Network Address Port Translation (NAPT) is configured on the router	Fixed.	
					x	-	-	Added "video_server.image.mode" parameters to the CGI command "/cgi-bin/set_imgmode".