

WV-U1132, U2132L, U2532L and U1532L Firmware Release Note

WV-U1132 WV-U2132L WV-U2532L WV-U1532L	Priority Rank Level Added: June, 2020	Priority Rank Level				Contents		
		A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence
Ver1.00 (5.00.01) March, '20	-					First production		
Ver.1.01 5.00.01 April, '20	B				x	-	-	Improved to reduce blur of subjects in motion and the data amount of H.265 images while shooting in low light condition.
				x		- Hunting phenomenon that the camera alternately changes the subject brightness to low and high occurs. - The color tone of the subject on the image becomes unstable. (Occurrence frequency: Rare)	Under the both of below conditions: - Shooting outdoors - Shooting when the light level is not stable such as morning	Fixed.
				x		Out-of-focus blur may occur when: Auto focus has been performed on the black and white image in high temperature environment. Then, restart the camera in color mode in bright and low temperature environment. (Occurrence frequency: Rare)	-	Fixed.
				x		The characters on OSD may overlap.	When displaying live images in JPEG	Fixed.
				x		Switching from black-and-white mode to color mode may not work properly with the settings below. - Day & Night(IR)= Auto - Light control mode= Indoor scene (50 Hz) or Indoor scene (60 Hz) - Super Dynamic(SD)= On	-	Fixed.
					x	The process load on the camera may become high unexpectedly when: - The LAN cable of the network disk recorder on the receiving 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 image and the setting window may appear very slowly.	When accessing using the HTTPS protocol.	Fixed.		
			x	Out-of-focus blur may occur when: Auto focus has been performed in the ambient temperature of -30 centigrade. Then, the temperature rises to 5 centigrade.	-	Fixed.		

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WV-U1132 WV-U2132L WV-U2532L WV-U1532L	Priority Rank Level Added: June, 2020	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
Ver.1.02 5.00.01 June, '20	C			x		The camera may not record the images in an SD memory card.	-	Fixed.
					x	-	-	Changed the below default setting. - [Internet mode]: from "OFF" to "ON" - [Viewer software (nwc4Ssetup.exe)] - [Smoother live video display on the browser (buffering)] from "ON" to "OFF". (Click here for detail)
					x	-	-	Enhanced security.
				x		-	-	Strengthened the countermeasure against the below phenomenon fixed in Ver.1.01. Hunting phenomenon that the camera alternately changes the subject brightness to low and high may occur under the both of below conditions: - Shooting outdoors - Shooting when the light level is not stable such as morning
Ver.1.10 5.00.01 Feb., '21	C				x	Live image of the stream cannot be displayed and shows the below error message on the blue screen. "Reached the concurrent access limit. Please try again later."	When recording on the SD memory card with the bit rate of 10Mbps or more	Changed the error message to describe how to resolve the issue. "Lower the bit rate and then establish the connection again. Or select other stream or JPEG and then establish the connection again."
					x	-	-	Enables concurrent transmission of both Stream(1) and Stream(2) at 30 fps.
					x	-	-	Added "SNMP trap setting" to [SNMP] in [Setup]-> [Network] page-> [Advanced] tab.
Ver.1.10 5.00.01 Feb., '21	C				x	-	-	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 - 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)

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Ver.1.10 5.00.01 Feb., '21	C				x	-	-	Changed the default setting of [Network Settings] in [Setup]-> [Network] page-> [Network] tab, from "Auto(Advanced)" to "DHCP".
					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 may reboot. (Occurrence frequency: Rare)	While performing JPEG recording.	Fixed.
				x		The camera may transmits a stream with unexpected stream encoding format. (Occurrence frequency: Rare)	When using ONVIF® profile.	Fixed.
				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.
					x	Network connection may fail as the MAC address authentication with the network device may not be done properly.	When the camera is booted.	Fixed.
Ver.1.21 5.00.01 July, '21	C				x			Added the following actions for SD memory card error: - Displays the following alert when a bit rate higher than "6144kbps" is selected in [Max bit rate (per client)*]: "Since the value of "Max bit rate (per client)" of H.265 recording stream set for "Recording format" is larger than "6144kbps", there is a possibility an abnormality will occur in continuity of recorded video. It is recommended to set it to "6144kbps" or less." - Records SD memory card logs on the [Status] tab in the [Maintenance] page, in the case of loss of recording or abnormal response from an SD memory card - Sends Panasonic alarm protocol "Diag." to the destination servers designated in the [Notification] tab of the [Alarm] page, in the case of abnormal response from an SD memory card
					x			Enhanced security.
					x			Increased the maximum password length from 32 to 128 characters for "Authentication" in the [Network] page-> [Advanced] tab-> "SMTP(E-mail)".
					x			Improved the visibility of the [Setup] window by adjusting the color of blue letters.

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Ver.1.21 5.00.01 July, '21	Added: June, 2020						
			x				Corrected the camera response to the CGI command "cgi-bin/setdata".
	C				Communication error may occur in the NX series recorder. (Occurrence frequency: Rare)	When shooting with long exposure time under either of following setting conditions: 1. When [Image capture mode] is 30fps: - "Max.2/30s" or longer value is selected for [Maximum shutter] 2. When [Image capture mode] is 25fps: - "Max.2/25s" or longer value is selected for [Maximum shutter]	Fixed.
			x		The camera may show a black image. (Occurrence frequency: Rare)	When the setting in [Image capture size] or [Image capture mode] is changed repeatedly.	Fixed.
			x				Corrected the camera response to the "GetVideoEncoderConfigurationOptions" command of ONVIF Profile S.
			x		-	-	Added a CGI command to transmit H.265 stream without NAL unit. Without NAL: "cgi-bin/setdata?H264NONALFLG=1" With NAL (default): "cgi-bin/setdata?H264NONALFLG=0"