Panasonic

This document describes WV-U1130 firmware upgrade Info.
1. Release version: Version 1.21
2. Release Note Reference Number: U1130-003

July 20, '21
Panasonic i-PRO Sensing Solutions Co., Ltd.

WV-U1130 Firmware Release Note

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)

WV-U1130	Priority Rank Level	A	B	C	U	Contents: Issue (Phenomenon)	Occurrence condition	Correspondence
Ver1.00 (5.00.01) June,'20	-					First production		
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 (nwcv4Ssetup.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
					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 discribe 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.”

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		A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence
Ver.1.10 5.00.01 Feb., '21	C				x	-	-	Enables concurrent trasmission of both Stream(1) and Stream(2) at 30 fps.
					x	-	-	Added "SNMP trap setting" to [SNMP] in [Setup]-> [Network] page-> [Advanced] tab.
					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)
					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.

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		A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence
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.
				x		-	-	Corrected the camera response to the CGI command "cgi-bin/setdata".
				x		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"