Panasonic

WV-ASM300 PC Software Package, Release Note

This document describes software package upgrade for WV-ASM300.

1. Release version: 2.30
2. Release Note Reference Number: ASM300_025

April 23, 2020
Panasonic i-PRO Sensing Solutions Co., Ltd.

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)

VER (ActiveX VER) Release Date	Priority Rank Level	A	B	C	U	Contents: Issue (Phenomenon)	Occurrence condition	Correspondence
1.00 (3.0.10.0) Feb., '17						First production.		
1.01 (3.0.10.0) Mar., '17	C				x			Improved Camera information in Live window on Step2.
					x			Fixed some duplicate items (Capture size, Device title, VMD alarm) in Step2 and Step3 of Recording setup. The items should be set in Step2, then either just review or deleted the duplicate items in Step3.
					x			Improved that devices could be registered even if the Internet mode = "ON".
					x			Improved WV-ASM200 Demo can be upgraded to WV-ASM300 Demo on same PC.
				x		For WV-ASM300/CH only		
				x		Unable to register demo, LITE and upgrade license.	-	Fixed.
				x		Unable to change Mask duration at VMD search tab on WJ-NX400.	-	Fixed.
				x		WJ-ASM300 terminated unexpectedly by clicking "Set" button.	After changing the Display/Hide function to be "On" at the operation window in setup menu.	Fixed.
				x		On the "Sequence number" tab, the sequence number would not change from WV-CU950 to applicable sequence.	If the sequence number were set manually.	Fixed.
				x		On layout pattern switch panel, unable to display of default layout pattern replaced to be new even if a new layout pattern were replaced.	-	Fixed.
				x		Unable to run WV-ASM300.	It may occur on a certain PC only.	Fixed.
				x		The camera picture set at the upper left of the group setting was displayed as a single picture.	Default screen = "multi-screen" Automatically provide full screen display of the operation window = "ON".	Fixed.
1.02 (3.0.10.0) Apr., '17	C				x	-	-	Changed company name from Panasonic System Networks Co., Ltd. to Panasonic Corporation.
					x	-	-	Improved for network adapter to be able to select in STEP 1 of easy setting, detailed setting.
				x		CPU load may become high when using timeline function.	In a case many recorder are connected.	Fixed.
				x		Unable to transmit audio from WV-ASM300.	When authentication at audio setting of camera is set to ON.	Fixed.
				x		Unable to transmit audio.	In a case using a combination of Fisheye camera and Network microphone in Internet mode.	Fixed.
				x		Images to be transmitted even after exiting WV-ASM300.	-	Fixed.

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1.02 (3.0.10.0) Apr., '17	C			x		The following settings on WJ-NX400 became setting to the same setting values in synchronization with the On / Off setting of "Sub stream recording"; (1) Set frame rate for pre-event recording to the one for event recording. (2) No transmitting the bit rate setting to the camera with the same setting for basic setting, event recording, and emergency recording frame rate.	By setting transmission from WV-ASM300.	Fixed.
				x		On WJ-NV300, audio output setting of the monitor to selected "Selected camera" even if selecting Cam.2 - Cam.32.	By setting transmission from WV-ASM300.	Fixed.
				x		On H.265 cameras, camera picture rotated 180-degree.	By setting transmission from WV-ASM300.	Fixed (factory default value to be blanked).
				x		Unable to control Washer on WV-SUD638.	By System Controller WV-CU950.	Fixed.
1.03 (3.0.11.0) May, '17	C			x		WV-ASM300 crashed by attempting to register devices from "Initial setup" or "Advanced setup" while certain cameras (*) had been registered in MJPEG on WJ-NV300/NX400/ND400. *: WV-S1110, S1111, S1112, S1130, S1131, S1132, S1432, S1510, S1511, S1531, S2110, S2111, S2130, S2131, S2132, S2211, S2231, S2510, S2511, S2531, S2532, X6511 and X6531.	On firmware versions 1.01 and 1.02 of WV-ASM300.	Fixed.
					x	-	-	Supported WJ-ND400 version 5.60 and WJ-NV300 version 1.80.
					x	-	-	Deleted the "Save" button at "Step3 Setup transmission" in "Initial setup".
				x		Camera registration was not effected on recorders even if proceeding Step1 through Step4 and transmitted the setup.	Registered offline cameras in the recorder and saved once.	Fixed.
				x		Recording schedule 1 on WJ-NV300/NX400 would be restored to factory default for WV-ASM300 to transmit recording schedule.	If a recording schedule at Timetable2 in Recording schedule 1 on WJ-NV300/NX400 is exist.	Fixed.
				x		Timetable on WJ-ND400 would became abnormal.	One of the following cases; (1) When there was a mismatch in the time specified for the time zone 1-6 of each day. (2) There were four or more time zones of schedule or event. (3) When using program 4-8.	Fixed.
				x		Display images of the live window at the same position were switched if changing the display position by dragging and dropping on the operation window.	While displaying live window.	Fixed.
				x		Unable to receive "Start time & date" and "End time & date" of Summer Time (Daylight Saving Time) and Timeline.	When a table of Summer Time (Daylight Saving Time) was exist but turning off.	Fixed.
				x		Setting of "Upside-down" on WV-X6511 and WV-X6531 to be "OFF" by transmitting the setup.	When setting "Upside-down" = "ON" on WV-X6511 and WV-X6531.	Fixed. Note: It will be unable to select it.
1.03				x		On WJ-NV300, changed the setting of "H.264" as compression method on Camera CH1 and CH2 to " MJPEG" by transmitting setup from WV-ASM300, unexpectedly.	Open the "Step3 recording setup" in "Advanced setup", then open "Recorder detail setup" in "Set recording event" and transmit setup.	Fixed.

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1.03 (3.0.11.0) May, '17	C			x		Changed the setting of "In-screen character display position" at "Camera detail window" in "Step2 Camera registration", unexpectedly. Or, transmitting setup may not effected on the settings.	-	Fixed.
				x		Playing back SD memory card may be done on the live monitor while it was in operation.	-	Fixed.
1.10 (3.0.12.0) July, '17	U				x	-	-	Supported WJ-NX200 version 1.02.
					x	-	-	Improved "Advanced setup" and "Camera detail setup" that are added "Image rotation" (0deg/90deg/180deg/270deg) setting function on STEP 2.
					x	-	-	Improved that "Advanced setup" could set "Smart coding /Gop control (On(Advanced))" on H.265 i-PRO EXTREME Series cameras with "Transmission priority" set to "Frame rate".
					x	-	-	Improved "System/Basic setup", "System/Drawing setup" and "System/GUI display setup" showing detail explanation by tooltip window.
					x	-	-	Improved dialog message for setting window that show "New settings are saved." when saving settings.
					x	-	-	Improved dialog message for setting window that showed warning message when you switched windows without saving configuration changes.
					x	-	-	Improved "Advanced setup" to always show the essential elements of the devices (IP address, port number and model number and so on) even if horizontal scroll operation were performed on the device list.
					x	-	-	Improved "Initial setup" that showed warning message* when you select STEP2 without available recorder. *(Warning message is "There is no recorder available for setup in the "Initial setup" page.")
					x	-	-	Improved "Advanced setup" that was able to register the devices by FQDN format in addition to IP address format.
					x	-	-	Improved "Advanced setup" that was able to register multiple devices with the same IP address/FQDN and having different port numbers.
					x	-	-	Improved "Thumbnail search" function which was added "120 min." option for "Display interval".
					x	-	-	Improved "Convert a file to the standard format" function supporting to convert from n3r(H.265) to mp4(H.264)/wmv.
					x	-	-	Added new function "Display video information". WV-ASM300 can show "Bit rate", "Receiving frame rate" and "Viewing frame rate" by overlay on the images.
					x	-	-	Supported to change license from DEMO license to LITE license.
					x	-	-	Changed the factory default value of "Panasonic" logo display preferences from OFF to ON.
					x	-	-	Improved "download" function supporting autorun of the installs version of NXViewer that supplied in the CD-R or DVD-R.

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1.10 (3.0.12.0) July, '17 Added on Jul. 13,2017	C				x	-	-	Improved supporting smooth the high-speed playback on WJ-NX400/NX200.
					x	-	-	Improved NTP (Network Time Protocol) setting. At STEP1 in Advanced setup, when the time synchronization master is checked on a recorder, the other recorders set the IP address of the time synchronization master as the NTP primary server address. The check state of the time synchronization master is saved in the DB.
				x		Unable to set Adaptive black stretch. （No choice at Detailed setting in STEP2 showed a blank.)	-	Fixed.
				x		Changed not to use the stream 4 in the AUTO stream setting.	During H.264 streaming on H.265 camera.	Fixed.
				x		A popup window showed busy at STEP4 in online registration.	While saving the settings.	Fixed.
				x		Camera picture became solid black.	By selecting same camera with in playback within device tree.	Fixed.
				x		Unable to cancel the alarm action by right click menu.	In a case, Alarm camera direct live window is "ON" and Auto reset wait time is "Off".	Fixed.
				x		When switching the group on the live window side set for camera directive reception, the other live window became solid black picture.	When the live window 1 and the live window 2 are group-displayed with only the camera under the same recorder, one is via all recorders, the other on the camera direct setting.	Fixed not to be solid black picture.
				x		Unable to set Subnet mask/Default Gateway properly on IP address individual setup at STEP1 in Advanced setup.	-	Fixed.
					x	-	-	Improved that the icon names on map to be displayed depending on the choice of "Display of icon name on map".
				x		The icon side close to the selected icon may be selected.	When placing icons close to each other on the map monitor.	Fixed.
				x		CH information can not be correctly recognized on the WV-ASM 300.	When terminal alarm recording is set for cameras CH 65 and after by the recorder side.	Fixed.
				x		Changed settings such as the resolution of the camera by transmitting settings from the WV-ASM 300 made although none of the camera detailed setting in STEP 2 and setting change in STEP 3 were changed.	-	Fixed.
				x		Unable to select the fisheye display menu although even if it should be able to do.	When 360-deg camera and network microphone are linked.	Fixed.
				x		Unable to update the face search monitor's alarm or register face image.	Once exiting the WV-ASM 300 while the face search monitor is displayed, then starting up.	Fixed.
					x	-	-	Changed the configurations for Panasonic Alarm Notification. - Not to set for Panasonic Alarm notification at Camera advanced setup in STEP2 when VMD Alarm="OFF". - It will be turned ON when the VMD alarm is ON if the notification destination of the original alarm is set. Or, it will be turned it ON, and the notification destination will be added at available place if it were not set. It is set to the notification destination 1 if there were no vacancy.

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1.10 (3.0.12.0) July, '17	C					WV-ASM300 aborted by clicking "Setup" button at Camera setup on device registration window in the Master / Slave configuration of the WV-ASF 900.	-	Fixed.
					x	-	-	Changed the setting to 15 fps mode (previously 30 fps mode) when the imaging mode of the 4K camera is "8 megapixel".
				x		Unable to download recording stream 2 at acquiring log list from SD memory card.	-	Fixed.
				x		Aborted application software by moving window from Recorder detail setup in STEP3 of Advanced setup without save at STEP4.	-	Fixed.
				x		The application aborted.	When changing the Internet mode to ON from the edit screen for the newly detected recorder in STEP 1 of the Advanced setup.	Fixed.
				x		In the live window, the image would not recover even after network recovery if the picture was solid black due to network disconnection.	-	Fixed.
				x		The maximum screen number of the live window 2 to 4 became "-".	When converting the setting data of WV-ASM200 + WV-ASE201 + WV-ASE202 with the conversion tool, and loading only with WV-ASM300 (without WV-ASE 202).	Fixed.
Added on Jul. 13,2017				x		Failed transmission if checking connection for devices (added at offline) in STEP 1.	-	Fixed.
				x		The application aborted.	By switching the recorder to STEP 2 while the network disconnected.	
				x		Unable to associate WV-SFV781LH, WV-SPV781LJ and WV-SPV781LH with recorder.	-	Fixed.
				x		In the live window, unable to work Alarm camera direct live window.	After the events as follow; occurrence of Alarm camera direct live window by alarm occurrence, after exiting the live window without releasing the alarm, open the live window again.	Fixed.
				x		Unable to work Alarm camera direct live window.	By activating the live window after an alarm has occurred on the operation window.	Fixed.
					x	-	-	Changed not to display the version information of STEP 4 for devices added offline.
1.20 (3.0.14.0) Sept., '17	C				x	-	-	Supported WJ-NX200 Version 1.11 - New cameras (WV-S6110, WV-S6111, WV-S6130, WV-S6131 and WV-S6530N) - Network microphone, Model WV-SMR10 - Network Microphone registration and camera registration on WJ-NX200 by WV-ASM300 - Download in MP4 - Audio codec (AAC)

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1.20 (3.0.14.0) Sept., '17	C				x	-	-	Supported WJ-NX400 Version 1.11 - New cameras(WV-S6110, WV-S6111, WV-S6130, WV-S6131 and WV-S6530N)
					x	-	-	Supported new cameras(WV-S6110, WV-S6111, WV-S6130, WV-S6131 and WV-S6530N.
					x	-	-	Added settings (would not setup nor device setup for WJ-ASM300 which downloaded the device information) related to the device management in Setup.
					x	-	-	Added a settings if displaying frame of camera range in the settings related to map.
					x	-	-	Added a mode not displaying thumbnail images in the settings related to map.
					x	-	-	Added displaying a message indicating that rebooting is required when setting was saved for the screen but not to be reflected immediately (items requiring application restart).
					x	-	-	WV-ASE232W (Extension software for POS) has supported WJ-NX200.
				x		Unable to load the setting data with displaying an error of excess number when attempting to load setting data of 130 recorders even though there was the license of WV-ASE203.	-	Fixed.
				x		No map displayed when logging in as a normal user.	Converting MAP and user set data with ASM 200, loading with ASM 300, responding to the problem that MAP is not displayed when logging in as a normal user.	Fixed.
				x		Increased the number of groups unexpectedly by loading the setting data of the group.	In case the data created on version 1.03 and loading on version 1.10.	Fixed.
				x		Unable to set fog compensation even if the level adjusted to a value other than minimum.	-	Fixed.
				x		A face frame may be displayed regardless of face frame display setting being off.	When registering or changing the setting and saving the setting by basic setting or device related setting - device registration.	Fixed.
1.21 (3.0.14.0) Oct., '17	A			x		The license information of WV-ASM300 might be cleared on a PC.	When it is upgraded from the older versions of OS to Windows 10, or when Windows Update on Windows 10 is applied to it	Fixed.
1.30 (3.0.19.0) Jan., '18	C				x	-	-	Supported WJ-NX200: Firmware version 2.0 (and later) - Supported WV-V series cameras - Supported WV-S4150, WV-S4550L and WV-S4550LM
					x	-	-	Supported WJ-NX300.

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1.30 (3.0.19.0) Jan., '18	C				x	-	-	Supported WJ-NX400: Firmware version 2.0 and 2.1 (and later) - WV-V series cameras - Network Microphone WV-SMR10 - Registration network microphone and registrating cameras from WV-ASM300. - Downloading MP4 function. - Advanced Audio Codec (AAC) - WV-S4150, WV-S4550L and WV-S4550LM [WJ-NX400 must be firmware version 2.1 (and later).] - Failover function with displaying its status by icon - HDD stand-by control mode.
					x	-	-	Supported new firmware on WJ-NV300 and WJ-ND400; - New cameras: WV-S6110,WV-S6111,WV-S6130,WV-S6131,WV-S6530N
					x	-	-	Supported Concurrent User License Kit, Model WV-ASM300CLW (sold separately).
					x	-	-	H.265 hardware decode.
					x	-	-	Added choices of Panorama / Double Panorama onto type of image display selection in fisheye.
					x	-	-	Improved as follow on Single PTZ/Quad PTZ display selection in fisheye; - Smooth display of pan / tilt display - Improved the electronic wheel zooming operation of the fixed camera so that the operation feeling is the same as when operating the fixed camera directly even if the zoom magnification changes. - Fisheye control made resizable
					x	-	-	Improved the blank user name/password input fields colored to be colored so as to make it highlighted on Setup (Initial setup, Advanced setup, Device registration) in Setup windows.
					x	-	-	Improved the camera icon size on the map monitor can be changed to 25%, 30%, 50%, 75%, 100% (original size).
					x	-	-	Improved the number of devices that can be registered and the number of registered devices could be displayed in po-up help on the device list screen of the device setting (Initial setup, Advanced setup, Device registration) on the Setup windows.
					x	-	-	Changed "Model no." at STEP2 of Device list in Camera detail setup window to "Device title".
					x	-	-	Changed "Display/hide" button at Function panel in operation window to "Display the panel open/close" button.
					x	-	-	Improved to return to the maximized screen that was returning to the normal screen by the [Back] operation after shifting from the maximized screen to the full screen.
					x	-	-	Improved to be able to back by "ESC" key on the full screen.
					x	-	-	On the camera setting screen under the recorder displayed from the "Registered device" of "Setting device" in "Settings screen", improved "Stream type" and "Internet mode (over HTTP)" to be collectively configurable.

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1.30 (3.0.19.0) Jan., '18	C			x		Unable to playback (Solid black picture or still picture)	After transitioning from the live display of the 25/36/49/64-screen to the 1-screen, playback, thereafter the special playback such as high speed playback and when the playback button is pressed in order to return to the normal speed.	Fixed.
				x		Unable to end sequence by right click on mouse.	Wile in 16-screen and 3 sec. sequence mode.	Fixed.
				x		Panasonic alarm protocol on recorder to be "ON" even if saving and sending the one to be "OFF" at Timetabel1 of Schedule1, Recording schedule, "Recorder detail setup" of "Step3 Recording setup" in "Advanced setup". (Target recorders: WJ- NV300, WJ-NX400 and WJ-NX200.)		Fixed.
				x		Schedule recording to be "ON" even if saving and sending the one to be "OFF" at Timetabel1 of Schedule1, Recording schedule, "Recorder detail setup" of "Step3 Recording setup" in "Advanced setup". (Target recorders: WJ-NX400 and WJ-NX200.)	-	Fixed.
				x		WV-CU950 did not work.	When logging in again after logging out once at WV-ASM 300.	Fixed.
				x		Switching Sound collection position ON and OFF, repeatedly.	By pressing Sound collection position ON/OFF repeatedly.	Fixed.
				x		Possible to hear audio while muting Mic input.	By change settings on the setting screen while Mic input muted.	Fixed.
				x		In the live monitor, the camera of "live acquisition via the recorder" may become a black picture during the sequence.	When groups of "camera" and "recorder" are mixed in live acquisition destinations of cameras under WJ-NX400K and WJ-NX200, depending on the combination method (Example: one group = cameras only, the other group = recorders only)	Fixed.
					x	-	-	Improved reliability for WV-ASM300 not to be able to restart or needed to re-install OS.
				x		In the live monitor, black image appeared and would not return to the normal image when a forced logout due to recorder setting change occurs.	-	Fixed.
Added on Jul.25,2018					x	-	-	Changed the system of correction display mode of single and 4-screen PTZ.
1.31 (3.0.19.0) Feb., '18	C			x		Latest alarm on the day may not be listed at the top of the alarm log list.	After upgrading software.	Fixed.
				x		25-screen or more may not be displayed properly.	When register WV-ASE 202 license and display more than 25 images.	Fixed.
Corrected on Feb.2,2018				x		Unable to output audio of certain cameras; - 6 series (WV-SFV/SFR/SFN/SPN/SPW6 series) - 5 series (WV-SFV/SFR/SFN/SPN/SPW5 series) - 3 series (WV-SFV/SFR/SFN/SPN/SPW3 series) - 1 series (WV-SFV/SFN1 series)	Import setup data that was saved on the older version right after (no cameras registered) installing or upgrading version 1.30 on a PC. ~~When install version 1.30 on new PC and import the setup data that was saved on the older version.~~	Fixed.

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1.33 (3.0.19.0) Mar., '18	C		x			Displayed black images on the PC at a certain conditions and send unnecessary commands to the network recorder continuously.	When satisfying all of the following; - Display camera pictures of both connected camera(s) and unconnected camera(s) in multi-screen. - Display the image of the camera registered in the recorder on multi-screen. - Set "Live image source" of the unconnected camera to "camera" (Connected camera became unconnected state after setting in connected state). · Start playing back again right after playback start, stop, and stop on multi-screen. When a certain period of time has elapsed without any other operation thereafter.	Fixed.
1.37 (3.0.19.80) Apr., '18	C			x		Picture may not be displayed while setting alarm action.	-	Fixed.
				x		Operation may become unstable by switching live monitor ON and OFF repeatedly.	-	Fixed.
				x		Registered camera information may not be saved correctly. As a result, unable to operate camera properly.	-	Fixed.
				x		Live monitor screen may flash.	-	Fixed.
				x		Icons on the map monitor, names, etc. may not be displayed correctly.	-	Fixed.
				x		The timing of turning on the recording lamp may be different between the operation monitor and the live monitor.	-	Fixed.
					x	-	-	Improved the smoothing of the operation at the start and end of the split screen display.
				x		License information may be in an incorrect state due to version upgrade of Windows OS.	-	Fixed.
				x		Setting of "Image display method" in "GUI display setup" may become "OFF".	-	Fixed.
				x		Setup file converted from WV-ASM200 to WV-ASM300, may not load properly.	-	Fixed.
				x		Result of connection check of devices may not be displayed.	-	Fixed.
1.40 (3.0.19.80) May, '18	C				x	-	-	Supported new cameras; WV-X4571L(M), WV-X4171, WV-X4170
					x	-	-	Supported new cameras: WV-X4571L and WV-X4171 Supported new firmware: WJ-NX400 Ver2.2, WJ-NX300 Ver2.2 and WJ-NX200 Ver2.2
					x	-	-	Supported new cameras: WV-X4571L(M), WV-X4171, WV-X4170, WV-S4550L(M), WV-S4150 *H.264/M-JPEG only Supported new firmware: WJ-NV250 Ver2.10, WJ-NV300 Ver2.10 and WJ-ND400K Ver5.90

Panasonic

WV-ASM300 PC Software Package, Release Note

This document describes software package upgrade for WV-ASM300.

1. Release version: 2.30
2. Release Note Reference Number: ASM300_025

April 23, 2020
Panasonic i-PRO Sensing Solutions Co., Ltd.

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)

VER (ActiveX VER) Release Date	Priority Rank Level	A	B	C	U	Contents: Issue (Phenomenon)	Contents: Occurrence condition	Contents: Correspondence
1.40 (3.0.19.80) May, '18	C				x	-	-	Added a choice of log-in password policy for WV-ASM300 that it must include at least 3-type of characters among the 4-type as follow; [1] Alphabetic characters (uppercase letters) [2] Alphabetic characters (lower case), [3] Numbers, [4] Symbols (*) *: Symbols ~ ! @ # $ % ^ & * ( ) _ + \ | } {] [< > . , / ? `
					x	-	-	Improved that log-in failure of WV - ASM 300 would be logged.
					x	-	-	Improved to be able to set camera preset position and name for AUX.
					x	-	-	Improved to display a warning dialog while activating IP easy setting software at the time of device registration.
					x	-	-	Changed labeling of setting menu from "System - Drawing setup" to "System - Drawing and audio setup".
					x	-	-	Changed displaying a dialog window to confirm changing device settings at initial setup process.
					x	-	-	In live image display via recorder and same number of strokes during sequence, changed displaying a black picture in the case of failure to communication with a camera.
					x	-	-	Improved not to display groups of 25 or more images not displayed in the step list of the sequence setting screen.
					x	-	-	When concurrent access license is used, when it logs on to unregistered recorder, it responds to display message "The designated recorder is not covered by the concurrent user license."
					x	-	-	Improved the transition of video smoothly at the start and end of the full screen display.
					x	-	-	Improved to be unable to set blank for port number when slave mode is selected in timeline setting.
				x		Ended WV-ASM300 abnormally, and the screen display may be distorted during termination or the next startup.	By terminating the application from the task bar during displaying the live monitor - map monitor in the window.	Fixed.
				x		Unexpected command alarm to be sent.	-	Fixed.
1.41 (3.0.23.0) June, '18	C				x	-	-	Supported Digest authentication between WV-ASM300 and cameras.
					x	-	-	Supported new firmware: WJ-NX400 Ver2.2, WJ-NX300 Ver2.2 and WJ-NX200 Ver2.2 Added choice of "Digest or Basic" at Authentication method between recorders and cameras.
				x		Continuously clicking the buttons around the control pad of camera operation panel, may be a cause of continue panning / tilting.	-	Fixed.
1.42 (3.0.25.0) Aug., '18 Except WV-ASM300/CH	C				x	-		Supported new cameras; WV-X8570N and WV-S8530N. Added a screen pattern used for the group display exclusive for new cameras.
					x	-		Supported new cameras; WV-S1550L(N),WV-S2550L(N) and WV-2250L.

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1.42 (3.0.25.0) Aug., '18 Except WV-ASM300/CH	C				x	-	-	Supported new components; WJ-NX400 V2.3, WJ-NX300 V2.3 and WJ-NX200 V2.3 - Supported new cameras; WV-X8570N, WV-S8530N, WV-S1550L(N),WV-S2550L(N) and WV-2250L
					x	-	-	Supported new components; WJ-NV300 V2.20 - Supported new cameras; WV-S1550L(N), WV-S2550L(N) and WV-2250L *: H.264/M-JPEG only
					x	-	-	Supported Facial Recognition Server Software, WV-ASF950.
				x		~~A frame dropped in the picture and a break in the sound occurred.~~ A frame dropped in the picture on 360-degree cameras, and a break in the sound occurred on 360-degree cameras linked with Network Microphones.	When the 360-degree camera performs Single PTZ / Quad PTZ display with distortion correction display and PTZ operation.	Fixed.
				x		Registered face image only in the first master server even if face image registration were registered as master servers wile using WV-ASE231W.	Registered a face image from the face search result, and a plurality of WV-ASF900s are registered as a master server.	Fixed.
				x		Exception error of .NET Framework may occur.	By notifying the event of camera disconnect / restore from the recorder in the setting with the device error log display off.	Fixed.
				x		Unable to zoom operation until making click centering once when multi-screen display of 360-degree camera with Single PTZ display.	-	Fixed.
				x		Initial display position of 360-degree camera with displaying distortion compensation may shift greatly.	-	Fixed.
1.50 (3.0.26.0) Aug., '18	C				x	-		Supported WJ-NV300 V2.20. - Supported new cameras on H.264/M-JPEG only; WV-S1550L,WV-S2550L and WV-2250L
					x	-		Supported WJ-ND400 V6.00. - Supported new cameras on H.264/M-JPEG only; WV-S1550L,WV-S2550L andWV-2250L
				x		Single and 4-screen of 4:3 images on WV-SF438,WV-SW458 may become stretched outwards by correcting.	On firmware versions 1.30 through 1.42.	Fixed.
1.51 (3.0.26.0) Sept., '18	B			x		Operation may not be able to done by scrolling face search result at Face search tab of Face search monitor function, repeatedly.	While using with WV-ASE231W.	Fixed.
			x			Display only 100 registered faces (from old one) instead of displaying up to 1,000 registered faces, and unable to edit the 101th and newer registered faces (no problems on 101th and newer face matching alarm notifications).	1. On version 1.42 and 1.50 2. Using with WV-ASE231W and WV-ASF900. Note: Nothing problem combination with WV-ASE231W and WV-ASF950.	Fixed.
1.60 (3.0.28.10) Dec., '18						-	-	Supported new cameras; WV-S3131L, S3531L, S3111L and S3511L
						-	-	Supported WJ-NX400 V2.4, WJ-NX300 V2.4 and WJ-NX200 V2.4 - Supported new cameras: WV-S3131L, S3531L, S3111L and S3511L

Revised on Aug.1, 2018

Panasonic

WV-ASM300 PC Software Package, Release Note

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April 23, 2020
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Priority Rank Level
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VER (ActiveX VER) Release Date	Priority Rank Level	A	B	C	U	Contents: Issue (Phenomenon)	Contents: Occurrence condition	Contents: Correspondence
1.60 (3.0.28.10) Dec., '18	C				x	-	-	Supported WJ-NV300 V2.30 and WJ-ND400 V6.10 - Supported new cameras: WV-S3131L, S3531L, S3111L and S3511L *: H.264/M-JPEG only
					x	-	-	For the device in the initial state, supported new password policy on recorders that must include at least 3 types of characters among "upper case letters / lower case letters / numbers /symbols".
					x	-	-	Added a function to capture the camera titles which defined on recorders by downloading the device information.
					x	-	-	For WV-SF438 and WV-SW458, added setting menu "Single PTZ/Quad PTZ display format for fisheye image (3M fisheye camera)" to select a correction method for when displaying fisheye images received from 3M fisheye camera in the single PTZ display or in the quad PTZ display. - Entire image correction: Method that averagely corrects distortion of an entire image. - Center part correction: Method that mitigates distortion especially around the center of an image. Peripheral edges of image will be displayed distorted when compared with the entire image correction."
					x	-	-	Improved switching screen smoothly by displaying no images and indicating an icon that screen transition is in progress while switching to full screen display.
				x		Displaying either solid black screen or still image continuously while in the same number of screen sequence, and "Maximum concurrent access error" may occur.	-	Fixed.
				x		Solid black picture may be displayed while in sequence mode and unable to restore.	In a case, the sequence mode with the same number of screens, the same camera placed on the same divided screen.	Fixed.
				x		Unable to display multi-screen for the cameras under the Video Insight Server.	While using WV-ASE306W, Video Insight Server Registration License for ASM300.	Fixed.
				x		The application software may abort by selecting a camera under the Video Insight Server.	While using the Extension Software WV-ASE306(W),	Fixed.
				x		Unable to run WV-ASM300 due to ".net framework 4.6" may not be installed.	If Windows 8.1 were; One of German, French, Italian, Spanish or Russian language. Or, If Windows 7 were; ".net framework 4.0/4.5" in one of German, French, Italian, Spanish or Russian language, has been installed.	Fixed.
				x		Unable to select compression method on WV-NS95x, WV-NW96x or WV-NP100x which was (were) registered under WJ-ND400.	After changing the "Live image source" to be "Camera".	Fixed.
				x		Retrieve the setup data may be failed.	In a case, WV-ASM300 were firmware version 1.30 or later and the setup data were saved under firmware version 1.20 or earlier.	Fixed.

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VER (ActiveX VER) Release Date	Priority Rank Level	Contents						
		A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence
1.61 (3.0.28.10) Dec., '18	C			x		When using WV - ASE 231 W, face images managed by slave servers may not be displayed.	When the WV-ASF 950 has a master / slave server configuration and encryption function is enabled	Fixed.
				x		When WV-ASE 231W is used, the names and remarks of the second and subsequent real-time alarms may not be displayed correctly.	When WV-ASF 950 has multiple master server configuration and each server has encryption function enabled with different key	Fixed.
				x		All images may become solid black images for a while.	By selecting an area not assigned to the camera during multi-screen playback and right-click.	Fixed.
				x		On WV-ASM300 Ver V 1.60 or earlier, saving settings more than once may not be saved correctly after the second time.	-	Fixed.
					x	-	-	Improved so that streams (3) and (4) of WV-SFV781 / SPV781 can be selected.
1.70 (3.0.28.10) Apr., '19	C				x	-	-	Added new mode to change the map image display magnification (100%, 200% and 300%).
					x	-	-	Added new camera icon sizes (90%,80%,60%,45%,40% and 30%) can be changed for each map.
					x	-	-	Improved the camera icon position conversion accuracy on the map when converting the setting data of WV-ASM200 using the converter tool.
					x	-	-	Added sort function and manual sort function of tree in group, sequence, map and folder setting screen.
					x	-	-	In order to prevent malfunction, added "Tab separation" setting to "System"-"Basic settings" and added a mode that can not separate tabs.
					x	-	-	Added a function (expansion method) selection function of WJ-NX400, NX300, and NX200 (V2.50) that enables downloading of n3r format recording data exceeding 2 GB by automatic division.
					x	-	-	Added the information as follow on the alarm notification message window in face search server. - "Category color" and "category name". - "Remarks" in the tool tip when the mouse cursor is placed.
					x	-	-	Added "Name" and "Remarks" into the output details of people search in HTML file.
				x		The start monitor set group / sequence may not work.	When the live monito is tabbed.	Fixed.
				x		Loading data which contains a custom icon set on the map may fail.	-	Fixed.
				x		Substream playback may return to the main stream by making special playback (such as high-speed playback, etc.).	-	Fixed.

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1.70 (3.0.28.10) Apr., '19	C			x		Recorded images may not be able to save normally by selecting MP4 format for downloading if all the following conditions were true: - One hour or more in the date and time range. - Files will be divided into multiple due to large image size. - Change a name of a download file by selecting "Rename".	-	Fixed.
2.00 (3.1.2.0) June, '19	C				x	-	-	Supported new cameras; WV-S6532LN, WV-X6533LN, WV-S1570L, WV-S2270L and WV-S2570L
					x	-	-	Supported new firmware version on recorders; WJ-NX400K, WJ-NX300 and WJ-NX200 ~~WV-NX400K, WV-NX300 and WV-NX200~~ Firmware Version 3.00
					x	-	-	Added a function to take over the previous setting information by the "Download of device information" button when replacing a registered recorder or camera. Note: Not available to check connection for the device if it registered by the advanced settings (offline).
				x		Playback may not start after date selection on the Quick Playback panel of the operation monitor.	-	Fixed.
				x		Updating the status of the status bar (ex. Playback mark at the start of playback) may be slow in an environment of alarms occur frequently.		Fixed.
					x	-	-	Improved to allow user authentication even for groups other than the primary group when making user authentication using with an LDAP server (Microsoft Active Directory server). Also improved the information display at login window.
				x		Missing display the underscore of the first character of user name, the group name of registered LDAP server (Microsoft Active Directory server).		Fixed.
					x	-	-	Improved the recording time column of the SD log display / playback screen to be displayed as a blank when no camera recording data on SD memory card does not exist.
2.10 (3.1.2.0) July, '19	U				x	-	-	Supported a new function, Unregistered Face Detection, on WV-ASF950 Ver2.00.
2.11 (3.1.3.0) Sept., '19	C			x		Seettings related to the user management might be inistialized by loading the setup data.	When satisfying all of the followings: - The version of WV-ASM300 installed on the PC for the first time was either 2.00 or 2.10. - The setup data loaded for the first time with WV-ASM300 was version 1.61 or earlier.	Fixed.
2.20 (3.1.3.0) Oct., '19	C				x	-	-	Changed company name; from "Panasonic Corporation" to "Panasonic i-PRO Sensing Solutions Co., Ltd."
					x	-	-	Supported new System Controller, Model WV-CU980 firmware version 1.00.
					x	-	-	Added a function to create a dedicated group for each user.

Corrected on July 23,2019

Panasonic

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2.20 (3.1.3.0) Oct., '19	C				x	-	-	Improved so that the display order of the camera list displayed on the menu panel of the map monitor can be changed.
					x	-	-	Improved so that the display/non-display of the map monitor camera icon and the name of map icon can be set individually.
					x	-	-	In high-speed playback smooth mode, improved by adding a choice of priority either playback speed or frame rate.
					x	-	-	Addressed known vulnerabilities.
				x		WV-ASM300 terminated abnormally.	When using the .NET Framework 4.8 and combining the operation monitor as a tab with a still image displayed on the VMD search screen or thumbnail search screen separated in a separate window.	Fixed. Please refer to the Operating Instructions, "4.5.Use the search window"
					x	-	**Added on Dec 13, 2019** -	Improved the behaviors when switching to 1-screen display and then switching the camera, after switching a camera in any single screen in multi-screen mode with System Controller WV-CU950 as follows. - So that the image selection frame to be placed at the original position when switching back to multi-screen display. - Not to change the order of screens after switching cameras.
2.21 (3.1.3.0) Dec., '19	C				x	-	-	Supports WJ-NX400K, WJ-NX300 and WJ-NX200 V 3.10
					x	-	-	Changed the company name of NX Viewer; from "Panasonic Corporation" to "Panasonic i-PRO Sensing Solutions Co., Ltd."
				x		Converting the n3r file downloaded from the NX-series recorders (WJ-NX400K, WJ-NX300 and WJ-NX200) to the standard format may fail.	-	Fixed.
				x		The administrator registration window may appear again even if the administrator account has been registered on the same window after the license registration.	-	Fixed.
2.30 (3.2.2.0) April, '20	B				x	-	-	Supports new cameras: WV-U1132, WV-U1142, WV-U2132L, WV-U2142L, WV-U1532L, WV-U1542L, WV-U2532L, WV-U2542L, WV-U1130, WV-U2130L, WV-U2140L, WV-U2530L, WV-U2540L
					x	-	-	Supports new firmware version 3.20 of WJ-NX400K, WJ-NX300 and WJ-NX200.
					x	-	-	Added 3D dewarp function for fisheye images.
					x	-	-	Improved to be able to assign other optional functions available only with the operation window of ASM300 to the below function keys and buttons of the system contraller WV-CU980: - Function keys (F1 toF10) - [A] button, [B] button and Top button of the joystick unit

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2.30 (3.2.2.0) April, '20	B				x	-	-	Improved to be able to move the image selection frame on the operation window using the system contraller WV-CU950 or WV-CU980.
					x	-	-	Improved to display all groups on the setting screen of "Displayable group" in "User setup". (In the previous versions, the displayable groups are limited to the groups with screens up to the number set in "Operation window (multi-screen) with the maximum number of areas".)
					x	-	-	Added "Cancel all" button to deselect all the listed items on the setting windows of "Displayable camera", "Displayable group", "Displayable sequence" and "Displayable map" on the "User setup" page.
				x		Unable to launch WV-ASM300 with "ASDB Service failed" error. (Occurrence frequency: Low)	When installing and launching WV-ASM300 for the fisrt time (Note: This issue does NOT occur with reinstalling such as version upgrade)	Fixed.
				x		-	-	Changed the communication timeout values for the communication with Facial Recognition Server Software WV-ASF900 and WV-ASF950 listed below from 10 minutes to 30 seconds. - "Alarm notification" window display - "Alarm search" window display - The statistic results of age, gender and head count for each camera display) (Inoperable time will be shortened by this change.)
				x		-	-	Changed the method of Keep-Alive monitoring between WV-ASM300 and Facial Recognition Server Software WV-ASF900 and WV-ASF950 to reduce the load of the facial recognition servers.
			x			The 129th and later cameras, registered on Facial Recognition Server Software WV-ASF900 or WV-ASF950, cannot be registered on WV-ASM300. (Occurrence frequency: High)	-	Fixed.
			x			WV-ASM300 may skip to the next recorded image of a camera although WV-ASM300 should display a black screen for the unrecording period of the camera. (Occurrence frequency: High)	Under all the conditions below: - Multi-screen display such as 9-screen with the resolution of SXVGA or wider - When the number of cameras displaying image is smaller than the number of split screens (This issue does NOT occur when there are many images not shown as black screens) - When recording with high frame rate such as 30 fps - When displaying the images recorded with a WJ-NX Recorder(NX400K, NX300 or NX200) in multiple display.	Fixed.

Important notice at upgrading software
Please save setup data as backup before upgrading. Upgrade WV-ASM300. Then import the setup data.
Otherwise, lose setup data as follow; (1) Basic setup: Language, Date format, Time format (2) Drawing setup: Contrast enhanced display (RGB:0-256), Audio (3) GUI display setup: Full screen display when opening the operation window (4) Performance setup: HD300 (Live)