

## WV-ASF900 PC Software Package, Release Note

1. Release version: 4.10
2. Release Note Reference Number: ASF900\_014

VER (ActiveX VER) Release Date	Priority Rank Level				Contents		
	A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence
1.01 Nov., '13					1st mass-production.		
2.01 July, '14	C			X	-	-	Supported search among two or more servers. (WV-ASM200 must be version 2.2x or newer.)
				X	-	-	Supported two or more face image (WV-ASM200 must be version 2.2x or newer.)
				X	-	-	Supported registered fame images putting into categories. (WV-ASM200 must be version 2.2x or newer.)
				X	-	-	Supported Constant display of registered face images. (WV-ASM200 must be version 2.2x or newer.)
				X	-	-	Supported searching registered face images. (WV-ASM200 must be version 2.2x or newer.)
				X	-	-	Unified the similarity score ranging "0.00" to "2.00" for both Face search and Face matching. (WV-ASM200 must be version 2.2x or newer.)
				X	-	-	Expanded available number of Face search history from 5-million to 10-million items.
				X	Searching Face search history may be timed-out.	In a case searching 5-million or more items of Face search history.	Fixed.
2.10 December, '14	C			X	Delayed notifying alarm because deleting daily history would not complete.	In a case having more than 5 million face images in Data Base.	Fixed.
				X	Stopped working Data Base when searching a face subject to 2 faces.	In a case having more than 5 million face history in Data Base and searching a face image among more than 5 million face images.	Fixed.
				X	-	-	Supported new cameras on ASF900 Configuration Tool; WV-SPN631, WV-611, WV-SPN531, WV-SPN311, WV-310 and WV-SFV631LT
2.20 February, '15	U			X	-	-	Added a function to restore DB automatically if the DB were corrupted when started up.
				X	-	-	Add a function to watch status of each process and to store operation situation into DB.
				X	-	-	Improved installer and configuration tool to easy installation and configuration settings in Wizard form.
				X	-	-	Added a function to delete listed items on the face matching alarm list. (WV-ASM200 must be version 3.20 or newer.)
				X	-	-	Added a function to select displaying size for face image on WV-ASM200. Supported resolution of 320x320 pixels for new 3-series, 5-series and 6-series. (WV-ASM200 must be version 3.20 or newer.)
				X	-	-	Improved the pop-up window of Face Matching Alarm Notification to display face image. (WV-ASM200 must be version 3.20 or newer.)

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2.21 February, '15	C			X	Starting up MSM service may failure.	When retrieving MDDB on version 2.10.	Fixed.
				X	-	-	Improved the supported camera models for ASF900 Config Tool would be able to configure by external file.
3.00 July, '15	C			X	-	-	Added a function to search a specified face (person). A key on WV-ASFE9000W series activates the function. (ASM200 must be version 3.40 or newer, ASM970 must be version 13 or newer)
				X	-	-	Improved accuracy of face verification function and face search function. (It needs the database to be initialized due to no compatibility with characteristics information of faces in the database on the previous version.)
				X	-	-	Added the Refine Search by similarity to the search on Face Search function. (ASM200 must be version 3.40 or newer, ASM970 must be version 13 or newer)
				X	-	-	Improved by lightly the load at the time of logs deletion.
3.01 July, '15	C			X	Face matching search function may not cover newly registered face images.	-	Fixed.

To users of WV-ASF900 version 3.00 and 3.01;

We recommend the alarm sensitivity to be restored (1.04) and readjust depends on necessity because we have improved it at low light environment.

3.02 Nov., '15	C			X	Face images may not be able to registered from WV-ASM200/WV-ASM970.	In a case, the face images are high-resolution (such as taken by a digital still camera).	Fixed.
				X	No alarm notification.	Stopped face matching search function.	Fixed.
				X	-	-	Improved accuracy of face matching search. As a result, reduced the false alarm.
				X	For North American Market model only		
				X	No messages may be shown at 100 or more were hit at search.	If no face images were specified and 100 or more were hit at search.	Fixed.
				X	Alarm may be delayed.	In a case, too many at headcount.	Fixed.
				X	WV-SP305 and WV-SP306 may be detected to incorrect model.	In the supplied configuration tool.	Fixed.
		X	-	-	Improved the config. tool could show "Stop Pending" at status in service.		

To use WV-ASF900 version 3.02 with WV-ASM200;

We recommend WV-ASM200 to be upgraded to version 4.10 because we have improved the accuracy of detection for eyes and upper lip positions on the face image to be registered.

4.00 Feb., '16	U			X	-	-	Improved accuracy of face search function. Please accept that the data for face search function and person search function are not compatible with the ones on older version. Therefore, the ones on older version are no longer usable.
4.01 Mar., '16	C			X	Face matching function may stop, then unable to notify alarm.	-	Fixed.
4.02 Apr., '16	C			X	Face search function and/or face matching function may stop, then unable to notify alarm. (Occurrence frequency : High)	On version 4.00 and 4.01. In approx. two weeks after the start of use.	Fixed.

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	A	B	C	U		Issue (Phenomenon)	Occurrence condition	Correspondence
4.03 June, '16	C			X	Face search function and/or face matching function may stop, then unable to notify alarm. (Occurrence frequency : High)	On version 4.00, 4.01 and 4.02. In approx. two weeks after the start of use.	Fixed not to stop the processes by monitoring the process to re-start if necessary.	
4.04 July, '16	C			X	Face search function may stop, then unable to notify alarm by face matching function. (Occurrence frequency : High)	On version 4.00, 4.01, 4.02 and 4.03. In approx. one month after the start of use.	Fixed.	
				X	It may not show face search results at face search.	Latest side at time span.	Fixed.	
4.05 Sept, '16	C			X	Unable to search a face by the "Search by face" function.	By specifying a face at "Set to Face Search 2".	Fixed.	
				X	No face matching alarm occurred.	In a cse, deleted the face data.	Fixed occurring face matching alarm even if the image were displayed by "X".	
				X	-	-	Supported "Windows 10 Professional RS1".	
4.06 Dec., '16	C			X	Response to keepalive packet by WV-ASM200 may be delayed and displaying "Face search server connection error". (Occurrence frequency : approx. once a month)	-	Fixed.	
				X	Face matching alarm notification may not contain face image (displayed by "X").	Fixed occurring face matching alarm even if the image were displayed by "X".	Fixed.	
				X	Unable to make Face search.	The database may stop by canceling face search function in progress.	Fixed.	
4.07 Dec., '16	C			X	Face search function does not work.	Approximately one to three yesars after operation started (depending on its activity).	Fixed.	
4.10 Sept., '17	C			X	-	-	Changed company name to the new company name.	
				X	-	-	Added indicating service satus.	
				X	-	-	Added a function to suspend Windows shutdown until the WV-ASF900 process is finished.when shutting down Windows while WV-ASF900 is running.	
				X	-	-	Added a program file specified by the Windows Task Scheduler in order to safely reboot when restarting the server periodically using the Windows Task Scheduler.	
				X	-	-	Supported H.265 cameras; - WV-S1132, WV-S1131, WV-S1112 and WV-S1111 - WV-S2531LTN (Indoor use only)	
				X	-	-	No face picture displayed on an alarm pop-up window of WV-ASM300. When selecting the WV-ASM300 as the type of client terminal.	Fixed.