

## WV-ASC970, WV-ASM970 Release Note

1. Release version: Version 19.1
2. Release Note Reference Number: ASC970\_ASM970\_009

VER Release Effective for production		Priority Rank Level				Contents			
WV-ASC970	WV-ASM970	A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence	
9.00 Nov.,2013	9.00 Nov.,2013	C				x	-	-	Supported WV-ASR500. - Available monitoring camera pictures, playback, search and download functions through WV-ASR500.
						x	-	-	Supported WV-ASF900. - Available displaying Realtime alarm display, searching Alarm histories, searching Face matching and displaying Age and gender statistics.
					x	-	-	Became requiring license key to run WV-ASC970/ASM970. Up to 64 WV-ASM970s could be connected by license registration on WV-ASC970 server. Licenses would be able to register ASC970/ASM970 by using supplied license registration tool. 	
Ver9.1 June, 2014	-				x	-	-	Became disabling writing all received alarm information to DB while starting up WV-ASC970 server.	
-	Ver9.1 June, 2014	C			x	-	-	Improved WV-ASR500 as follows; - Supported 128 channels. - Supported audio.	
					x	-	-	Supported Windows8.1.	
Ver10 August, 2014	Ver10 August, 2014				x	-	-	Supported Live Window 4 monitors - Required purchasing WV-ASE902 (License) and enter the license key.	
					x	-	-	Supported 360-degree cameras (required purchasing license); - Added fisheye distortion correction/camera control/PTZ control after correcting distortion. - Correcting distortion became available by registering optional license key.	
					x	-	-	Supported WJ-NV300 series; - Recording, playing back, live monitoring camera pictures and camera control. - Searching recorded events/downloads. - Face matching alarm, timeline.	
					x	-	-	Supported new cameras; - WV-SFN611L/631L, WV-SFV611L/631L, WV-SFR611L/631L, WV-SPN611/631, WV-SFN310/311, WV-SFV310/311 and WV-SFR310/311. - Added a function to display Stream3,4. Also added a function of line-cross alarm.	

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WV-ASC970	WV-ASM970	A	B	C	U	Issue (Phenomenon)	Occurrence condition	Correspondence			
Ver10.1 Sept., 2014	-				x	-	-	Supported WV-ASF900 Ver2. - Searching multiple face servers (Federated search) - Registering multiple face images per person - Displaying alarms.			
-	Ver10.1 Sept., 2014				x	-	-	Supported an error message at registering start up. - Showing an error message in message window when failed obtaining the path of start up folder of Windows at configuration of security policy on Windows.			
-					x	-	-	Supported changing a specification of n3r file-header.			
Ver11 Feb., 2015	Ver11 Feb., 2015				x	-	-	Improved function on WV-ASF900; - Deleting alarm. - Outputting report of alarm list - Support 6 series cameras.			
					x	-	-	Supported 9M 360-degree network cameras; - Correcting Single/Quad PTZ correction, Pan/Tilt control etc.			
					x	-	-	Added a function to display alarm pop-up window.			
					x	-	-	Supported fire alarm system, EBL512 v2.1.			
-					x	-	-	Improved picture quality; - Fixed the misadjusted black level. - Supported Direct2D.			
-	Added on Oct 19, 2016				x	-	-	Added a set up for Playback (Pre) so that playing back from alarm list could be done before desired seconds.			
Ver12 April, 2015	-				x	-	-	Supported "Redhat Enterprise Linux 7[64bit]" as a platform for WV-ASC970 server. *: Supported OS are as follows; Redhat Enterprise Linux 5(32bit), Redhat enterprise Linux 6(32bit), Redhat Enterprise Linux 7(64bit)			
					x	-	-	Added setting of permission between Operator and Camera.			
-	Ver12 April, 2015				x	-	-	Became hiding unauthorized cameras on the monitor of WV-ASM970.			
Ver12 April, 2015					x	-	-	Became fisheye image correction required no license registration.			
Ver13 July, 2015	Ver13 July, 2015				x	-	-	In conjunction with the people search server on WV-ASF900, and provides the following features; - Make sure the search result by a face image and age of suspect with the list of registered faces. - Search result and face image of suspect on playback to be searched among the list of registered faces by simply clicking a mouth. - Cross search between the list of registered faces and face image on playback. (A) Make sure a face image of suspect within the list of registered faces with a face image on playback. (B) Make sure the registered faces on a face image of face search result with the list of registered faces. - Output a report inHTML from registered face. - Added similarity to be specified for the search condition.			
					x	-	-	Supported WV-SPN533H and WV-SPN313H.			

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	-				x	-	-	Admin console became supporting Chinese language.
Ver14 Aug., 2015	Ver14 Aug., 2015				x	-	-	Supported 4K cameras - Only for displaying camera pictures and PTZ control. - Applicable models; Recorders: WJ-ND400 and WJ-NV300 4K Monitors: Live window Cameras: WV-SFV781L, WV-SPW781L, WV-SFV781LH. WV-SFN533LH, WV-SFN313LH, WV-SFN533H, WV-SFN532H, WV-SFN313H WV-SPW533LH, WV-SPW313LH WV-SFV533LH, WV-SFV313LH WV-SPN533LH, WV-SPN313LH
-					x	-	-	1) Added control of fog correction setting on cameras from WV-ASM970. 2) Added running a function of external software from WV-ASM970.
Ver15 Oct., 2015	Ver15 Oct., 2015				x	-	-	Sharpen an images. - Available function of sharpening images by registering optional WV-ASE903.
Ver16 July., 2015	Ver16 July., 2015				x	-	-	<b>On version 16 for WV-ASC970/CH and WV-ASM970/CH only.</b> <b>On version 17 for WV-ASC970 and WV-ASM970.</b> Supported Video Insight Video Surveillance Software; - Live view: Receive camera picture from server and display on WV-ASM970. - Playback: Receive recorded picture from server and display on WV-ASM970. - Search: Search recorded picture on server and display on WV-ASM970. - Download: Download recorded picture (AVI file) from server. - Alarm notification: Notify an alarm to WJ-ASC970 by detecting an alarm on server. - Camera Control: Send camera control commands (such as PTZ etc.) from WV-ASC970 to server.
Ver17 Sept., 2015	Ver17 Sept., 2015				x	-	-	
-	Ver17.1 Dec., 2016				x	Sequence function may stop, unexpectedly.	-	Fixed.
Ver17.1 Dec., 2016	-				x	<b>For WV-ASC970/CH only</b>	-	Due to factory reason.
Ver17.2 Jan., 2017	Ver17.2 Jan., 2017				x	<b>For WV-ASC970 and WV-ASM970 only (excluding WV-ASC970/CH or WV-ASM970/CH).</b>	-	Supported "WV-SUD638", "WV-SUD638-H" and "WV-SUD638-T". Including Wiper operation such as Start / Stop and ON / Continuous:High / Continuous:Low / 1 shot / Washer.
Ver18.0 Apr., 2017	Ver18.0 Apr., 2017				x	-	-	Supported new cameras (H.265 cameras); - WV-S2531LN/S2511LN/S2531LTN/S2532LH/S2231L/S2211L/S2131L/S2131/S2130 WV-S2111L/S2110/S2112LH/S2132H/S2130H/S2112H/S2110H WV-S1531LN/S1511LN/S1531LTN/S1432LH/S1412LH WV-S1131/S1132/S1111/S1112/S1132H/S1130VH/S1112H/S1110VH
					x	-	-	Added a corridor layout to the multi screen layout.
					x	-	-	Supported new device and firmware; - WJ-NX400 version 1.02 - WJ-ND400 version 5.00 - 5.50

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Ver18.0 Apr., 2017	Ver18.0 Apr., 2017				x	-	-	Supported Video management Software; - Video Insight version 6.3.6.11.
-					x	-	-	End of support: Microsoft Windows XP, Vista and 8. Continue support: Microsoft Windows 7 and 8.1.
Ver19.0 Sept., 2017	Ver19.0 Sept., 2017				x	-	-	Changed company name to the new company name.
					x	-	-	Supported new cameras WV-X6531N, WV-X6531NH and WV-X6511N
					x	-	-	Added a button to specify Color for Controller in AdminConsole of the software.
-					x	-	-	Supported Windows 10 Creators Update or later.
-	Ver19.1 Nov., 2017			x		Unable to playback WV-NX400 by setting Live stream recording to be "2".	When WV-NX400 to be configured; - Use WV-NX400 recorder. - Setting of sub-stream recording to be OFF. - Setting live stream recording on WV-ASM970 to be "2".	Fixed.