


WJ-HD716/616 Firmware Release Note

1. Release version: Version 2.71
2. Release Note Reference Number: HD616_017

VER (ActiveX VER) Release Date	Priority Rank Level				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)	Contents		
	A	B	C	U		Issue (Phenomenon)	Occurrence condition	Correspondence
2.12 Oct.'11	C			x		Some recorded images cannot be played back. (Occurrence frequency : Low)	VMD alarm occurs frequently, and set writing mode as OVERWRITE.	Changed "overwrite process logic" to avoid this phenomenon. * Recorded HDD should be formatted once with this version (or later) to activate this improvement.
					x	-	-	Improved "FF playback" function more smooth with low-rate data. * Typical with ASM200 playback
				x	x	Cannot get camera connection information correctly. (Occurrence frequency : High)	If user operates to get camera connection information via SNMP	Fixed.
				x		Might not be able to communicate with recorder. (Occurrence frequency : Low) * Will recover after reboot, or IP setting change.	User communicate with recorders through network router, and network communication error occurred	Fixed.
					x	FTP download * is forced to stop. * Recorded data download Log download, etc.	In case of downloading image data from recorder, and try to do FTP communication(log download ,etc) by i-Pro Configuration Tool. When FTP communication by i-Pro Configuration Tool was stopped, ASM image download process was forced to stop.	Fixed. * FTP download session is STILL automatically down after 1 hour.(SPECIFIC).
2.13 Nov.'11	A	x			All HDDs in Extension unit(WJ-HDE400) might be removed. (Occurrence frequency : Low to Very Rare*) * If HD616/716 system is not powered ON/OFF daily. We believe HD616/716 is usually used with UPS, and Daily power off/on operation must be quite rare.	[Occurrence timing] 1. Power On (Reboot) 2. Recorder's self reboot 3. Reboot came from outside factor (Temporary blackout) [Applicable serial No. of WJ-HDE400] May.'11 to Nov.'11 products(KEV***** to KKD*****) [CAUTION] If you use the applicable WJ-HDE400 with HD616/716, HD616/716 should be upgraded to Ver.2.13(or later).	Fixed. * In detail, please refer Service Bulletin of WJ-HDE400.	
2.14 Jan.'12	A	x			Some recorded CH images cannot be played back during some periods. (Occurrence frequency : High in right cell case)	[Typical Occurrence case] 1. Alarm Recording setting (including VMD Recording setting) 2. Raid 5 or Raid 6 operation 3. Low ips rate recording [Applicable firmware version] Firmware Ver.2.12 & Ver.2.13 [CAUTION] If you use the Firmware Ver.2.12 & Ver.2.13, we highly recommend to upgrade firmware to Ver.2.14 (or later) and format HDDs on Ver.2.14(if you have not formatted HDDs on Ver.2.12 or 2.13)	Fixed.	
2.16 Apr.'12	B		x		Screen freezes on VMD event list windows, then reboots after approx. 5 minutes.	[Occurrence Timing] 1. Firmware version is one of 2.12, 2.13 or 2.14 and HDDs have been formatted. 2. When you click "Prev page" button on the VMD event list windows after searching VMD event. [Applicable firmware version] Firmware Ver.2.12, .2.13 or 2.14 [CAUTION] We highly recommend to upgrade firmware to Ver.2.16 (or later) and format HDDs on Ver.2.16 (If you have not formatted HDDs on Ver.2.12, 2.13 or Ver2.14). Because the HDDs must be formatted on ver.2.12 or later to activate "overwrite process logic".	Fixed.	

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2.20 June.'12 Option:V1.07	U				x	-	-	Added choices at DDNS setting; Previous: Off/On New: Off/Viewnetcam.com/Dynamic DNS Update
					x	-	-	Characters at input-field of password are denoted by asterisks instead of actual characters.
					x	-	-	Added a function for PS-API and stream ID management.
					x	-	-	Improved maintenance function as follows; 1. Log for configuration Latest 5 setting histories will be stored to find incorrect configuration. 2. Added a cgi command to obtain period of recoding. Recording period on each HDD will be obtained. 3. Added a function to store model number of HDD in the internal log. 4. Added an operation to initialize the html contents. To make initializing the html contents.
					x	-	-	Improved a noise around lower part of screen depends on objects if Full-HD/15ips were set and monitored through Spot monitor terminal.
					x	-	-	Corrected texts in Russian.
2.30 Oct.'12 Option:V1.20	C				x	-	-	Support HDD of Advanced Format. 
					x	-	-	Made not to close session even if HDD were switched while RAID environment to avoid other user receive solid black picture on ASM series.
				x		Reboot, unexpectedly.	Power OFF and ON under RAID environment.	Fixed not to reboot by correcting firmware for the internal RAID board and optional board.
				x		Reboot by false detection of abnormal stop recording, unexpectedly. (Occurrence frequency : High)	It may occur using pre-recording on either schedule recording or manual recording, and no events of pre-recording more than 70 min.	Fixed not to reboot.
					x	Playing back will be quitted and live picture will be displayed approx. 10 sec. even if playing back FTP downloaded n3r files. (Occurrence frequency : High) Unable to playback the FTP downloaded n3r files. (Occurrence frequency : High) Unable to FTP download. (Occurrence frequency : High)	It occurs when recording HDD is switching from HDD(A) to HDD(B).	Fixed to playback or FTP download properly.
2.40 Nov.'12 Option:V1.20	C				x	Live picture from MONITOR OUT1 may be destroyed (contains too much vertical noises to see). Back to normal by power off once and on again. (Occurrence frequency : Low)	In a case switching between multi-picture and single-picture several times on MONITOR OUT1. Applicable models: WJ-616KP, WJ-716KP, WJ-616K/G and WJ-716K/G Serial Number ranging from LED00001 to LJDxxxx.	Fixed display picture, properly.
			x			Recording picture and streaming picture over network may be destroyed. Back to normal by power off once and on again. But recorded destroyed picture will NOT be fixed. (Occurrence frequency : Low)	In a case switching between power off and on several times or some dozen times. Applicable models: WJ-616K/G and WJ-716K/G. Serial Number ranging from LED00001 to LJDxxxx except from LID00061to LID00081 or from LID00233 to LID00260.	Fixed display picture, properly.

Note:
Updating firmware from ver 2.20 (or older) to 2.30 (or newer) takes much longer than previous.

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2.50 May.'13 Option:V1.20	C			x	Unable to work ZOOM/FOCUS on WV-RC150 by sending ZOOM command from WV-CU950 through WV-ASM200. (Occurrence frequency : High)	In a case the system were as follow and sent ZOOM command. WV-CU950 ---> WV-ASM200 ---> WJ-HD616 Series (or WJ-HD716 Series) --> WV-RC150.	Fixed work properly.	Note: Updating firmware from ver 2.20 (or older) to 2.30 (or newer) takes much longer than previous.
				x	When retrieving RAID Down Information in SNMP, incorrect value (unremoved or no down) may be returned even if it has been removed from this equipment (or extension unit). (Occurrence frequency : Mid)	In a case, already removed from this equipment (or Extension unit).	Fixed to receive information about RAID Down.	
					x	-	-	
2.60 July.'13 Option:V1.20	C			x	-	-	Added sending a notification when the new HDD or an extension unit was linked.	
				x	-	-	Improved displaying the RAID restoration progress.	
				x	-	-	Improved the log-in screen in browser. - The default cursor position is set in user name column. - The login is conducted by [Enter] key at keyboard.	
				x	Displaying no camera pictures and/or freezing the browser (Internet Explorer).	In case, switching live picture approx. 20 times on IE9/IE10.	Fixed the issue will not occur.	
				x	Camera control buttons can be used for only one direction. (Occurrence frequency : High)	Operate PT buttons on Camera control panel under Internet Explore 10.	Fixed it works, properly.	
2.61 Nov.,'13 Option:V1.20	C			x	No matching at VMD Search. (Occurrence frequency : High)	Only recording events with 200 sec or longer intervals.	Fixed it works, properly.	
				x	LCD monitor connecting with Monitor 1 terminal flickers (and/or shaking up and down) every several milliseconds. (Occurrence frequency : Low)	Using with EIZO DuraVision FDS1901 (19-inch LCD monitor), connecting with "MONITOR OUT 1" terminal. FYI: You will NOT see the issue if the monitor were connected with "MONITOR OUTPUT 2".	Fixed it works, properly.	
2.62 Dec.,'13 Option:V1.20	C			x	Thermal error may occur. (Occurrence frequency : Low)	-	Fixed not to occur it by detecting temperature beyond threshold consecutively three times for thermal error.	
				x	Vertical lines may appeared. (Occurrence frequency : Low)	When switching display image from 1-screen to 12-screen on "MONITOR OUTPUT 2".	Fixed not to occur it.	
2.64 Nov.,'14 Option:V1.20	C			x	-	-	Revised plug-in software, ActiveX, to improve vulnerability.	
2.70 Feb.,'16 Option:V1.20	C			x	-	-	Improve vulnerability on ntpd.	
2.71 Aug.,'17 Option:V1.20	U			x	-	-	Changed company name to the new company name.	