

## WV-NP244/NF284/NS202A/NW484/NS950/NW960/NF302/NP304 Firmware Release Note

WV-NP244	WV-NF284	WV-NS202A	WV-NW484	WV-NS950/NW960	WV-NF302/NP304	Priority Rank Level	Priority Rank Level				Issue (Phenomenon)	Occurrence condition	Correspondence
							A	B	C	U			
-	-	2.20 Jun.'08	1.10 Jun.'08	-	-	B	X			Video Stream will stop 20 Min (Occurrence frequency : Middle)	In the Network CRC(Cyclic Redundancy Check) Error occurs & After Power ON 49.7Days later	Improve network software to avoid Streaming STOP	
1.30 Jun.'08	1.10 Jun.'08	↑	↑	1.10 Jun.'08	-	C		X		CRC(Cyclic Redundancy Check) Error occurs	Use Fixed network speed(Ex.100M_FULL)	Improve network software to avoid CRC(Cyclic Redundancy Check) Error	
↑	↑	↑	↑	↑	1.10 Jun.'08	U			X			Add Internet Mode	
↑	↑	↑	↑	↑	↑	U			X			Add VMD Playback mode	
↑	↑	↑	↑	↑	↑	U			X			Change JPEG Q-VGA Min Video size to 8KB	
↑	↑	↑	↑	-	-	U			X			Add MPEG-4 Frame rate Priority Mode	
↑	↑	↑	↑	-	-	U			X			Add Refresh Rate Value "0.5","0.33","0.2"	
↑	↑	↑	↑	↑	-	U			X			Change Multicast Filtering to stop receiving un necessary Packet.	
-	-	↑	-	-	-	U			X			Improve operation response when used with ASM100&CU950	
-	-	↑	-	-	-	U			X			Add Duplex Audio Capability	
↑	↑	↑	↑	↑	-	B	X			Camera Became "Safety Mode"	When Error occurs dueling start up	Improve Start up procedure to avoid error condition	
-	-	↑	-	↑	-	U			X			Under the Auto tracking mode, changed Panasonic Alarm protocol to send alarm in formation every 5Sec	
-	-	↑	-	-	-	U			X	Does not Detect VMD alarm (Occurrence frequency : Low)	Under Auto Tracking Mode(PreSet call/Pan/tilt Manual control will reset Condition)	Improve VMD alarm Detect capability	
↑	↑	↑	↑	1.11 Aug.'08	-	B	X			Camera Reboot by it self (Occurrence frequency : Low)	Under Bad Network Traffic condition	Change Network software to Avoid Reboot	
V1.50 Oct.'08	V1.30 Oct.'08	V2.40 Oct.'08	V1.30 Oct.'08	V1.30 Oct.'08	V1.30 Oct.'08	U			X			Add "Easy IP Setup accommodate period" unlimited Mode	
↑	↑	-	-	-	-	U			X			Change Alarm Detection procedure from "No Alarm Detect dueling power up" to "Alarm Detect under Power ON" Condition	
↑	↑	-	↑	-	-	U			X			Change VMD Alarm Sensitivity to 6 steps	
↑	↑	↑	↑	↑	↑	U			X			Change Update procedure when selected "Do not reset the settings to the default after the upgrade." Current--Setting Data--Does not Reset /HTML--Does not Reset New--Setting Data--Does not Reset/ HTML--Reset	
-	-	↑	-	↑	-	U			X			Does not Reboot When select "VMD OFF" to "ON"	
-	-	-	-	-	↑	B	X			Does not Save "failed to transmit images" to the SD Memory card.(Occurrence frequency : High)	Alarm is input right after power on before establishing LAN connection.	Improve firmware to save " failed to transmit images" to the SD Memory card when camera start up without LAN cable	
-	-	-	-	-	↑	B	X			Can not connect Camera (Occurrence frequency : High)	Other Equipment will Connect camera from different subnet & Does not connect to the camera more than 20Min	Improve Firmware	
V1.60 Jan.'09	↑	↑	↑	↑	V1.40 Jan.'09	U			X	Some Time Audio Transmission can not Stop	Use with WV-ASM100	Change firmware can select Audio Stop function	
-	-	-	-	-	↑	U			X			Change VMD alarm setting Menu could change Menu by Multiple user.	
V1.70 April.'09	V1.50 April.'09	V2.60 April.'09	V1.50 April.'09	V1.50 April.'09	V1.50 April.'09	U			X			Enable "RTSP Control" when internet mode is "ON"	
↑	↑	↑	↑	↑	↑	U			X			When Alarm Information Destination is not Set and camera Re-Trying send alarm information to Destination. Next Alarm input to the camera ,Camera will Inform latest alarm information to Destination address.	
↑	↑	↑	↑	↑	↑	U			X			Improve Network Error correction when used with Panasonic Network disc recorder & used SD Back up function.	
-	-	↑	↑	↑	↑	U			X			Improve VMD function could select VMD Area in "OSD Display Area"	

## WV-NP244/NF284/NS202A/NW484/NS950/NW960/NF302/NP304 Firmware Release Note

WV-NP244	WV-NF284	WV-NS202A	WV-NW484	WV-NS950/NW960	WV-NF302/NP304	Priority Rank Level	Priority Rank Level				Contents		
							A	B	C	U	Applicable	Apply Version number Above	Not Applicable
Ver. Release Date										Issue (Phenomenon)	Occurrence condition	Correspondence	
V1.80 Oct.'09	V1.60 Oct.'09	V2.70 Oct.'09	V1.60 Oct.'09	V1.60 Oct.'09	V1.60 Oct.'09	U				X			Avoid "Script Error" When used with IE8
↑	↑	↑	↑	↑	↑	B		X			Always Keep one more user ID (That user is not exist)	used with "MPEG-4" & Multicast "OFF"	Change firmware dose not keep User id for one more use. That user is not exist)
↑	↑	↑	V1.61 April.'10	V1.61 April.'10	V1.61 April.'10	U				X			Change settings 1.Active-X Version 3.06.01(Ex NF284/NP244) 2.Change Default Time setting start from 2010.Jan.1
V1.84 April.'12	V1.64 April.'12	V2.74 April.'12	V1.64 April.'12	V1.64 April.'12	V1.64 April.'12	U				X	1.Video Image become "Black --Ping Commands "Answer" 2.No response back from camera --Ping Commands "No Answer" (Occurrence frequency : Very Low)	1.Use MPEG-4 with RTSP control (Panasonic NVR does not use RTSP) 2.Unstable network connection	Improve Firmware
-	-	-	-	↑	-	U				X	Stop Pan/Tilt operation within 90 Sec even if using continues CGI (Occurrence frequency : High)	Using Continues CGI (pran,rtilt)-- Panasonic NVR does not use this commands	Improve Firmware
-	-	-	-	↑	-	B		X			VMD Function does not work as Home position. (Occurrence frequency : Very Low)	After Power On camera and never move to "Home" Position Manually.	Improve Firmware will work VMD in the Home position.