

## NUUO NVRmini 2 v2.0.0 Compatibility List

### Document History

FW version	Date	Change List
V1.0.0	2011/07/08	Initial
V1.1.0	2011/10/05	1. New HDD compatible 2. Support IE 9
V1.1.0	2011/10/14	Add "interface" information on HDD list
V1.1.0	2011/11/16	Add DAS support for 4bay device.
V1.4.0	2012/2/16	New HDD compatible
V1.6.0	2012/10/16	1. New HDD compatible 2. Remove Seagate Barracuda Green Series HDD
V1.6.0	2012/11/6	Update Seagate SV35 Series FW
V1.7.0	2013/7/11	1. New HDD compatible 2. Note that Enterprise disks are more suitable for RAID 5 and RAID 10 3. Compatible with Windows 8 (32/64 bit) and IE 10 (32 bit)
V1.7.1	2013/8/22	Add supported joystick functions
V2.0.0	2014/03/12	Compatible with Mac Safari and Windows Chrome
V2.0.0	2014/09/04	Add limitation on web browser support

### Compatibility list included versions in this build are:

NE-2020			NVR Version
2014.3	V2.0.0	NE-2020_2.0.0_0097_3.1.bin	02.00.0000.0097
NE-2040			NVR Version
2014.3	V1.7.1	NE-2040_2.0.0_0097_3.1.bin	02.00.0000.0097
NE-4080			NVR Version
2014.3	V1.7.1	NE-4080_2.0.0_0097_3.1.bin	02.00.0000.0097
NE-4160			NVR Version
2014.3	V1.7.1	NE-4160_2.0.0_0097_3.1.bin	02.00.0000.0097

## 1. Hard Drives

Classify the compatible HDD into three types, enterprise, video surveillance and desktop. We recommend user to choose enterprise-level HDD and video surveillance-level HDD, which are with better command timeout control and reliability. However, if you want to configure RAID 5 and RAID 10 disk volume, enterprise-level HDD is highly recommended.

### Enterprise

Vendor	Family	Model	Capacity	Interface	Firmware
HITACHI	Ultrastar A7K2000	HUA722010CLA330	1TB	SATA 3Gb/s	JP40
SEAGATE	Constellation ES.3	ST4000NM0033	4TB	SATA 6Gb/s	0001
		ST3000NM0033	3TB	SATA 6Gb/s	0001
	Constellation	ST31000524NS	1TB	SATA 3Gb/s	SN12
		ST3500514NS	500GB	SATA 3Gb/s	SN12
WD	WD RE	WD4000FYYZ	4TB	SATA 6Gb/s	01.0
	WD RE4	WD2003FYYS	2TB	SATA 3Gb/s	01.0

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		WD1003FBYX	1TB	SATA 3Gb/s	01.0
		WD5003ABYX	500GB	SATA 3Gb/s	01.0
<b>Toshiba</b>	MG03ACAxxx	<b>MG03ACA200</b>	2TB	SATA 6Gb/s	
		<b>MG03ACA100</b>	1TB	SATA 6Gb/s	

Some listed devices may go EOL, so we cannot promise the market availability.

## Video Surveillance

Vendor	Family	Model	Capacity	Interface	Firmware
<b>SEAGATE</b>	SV35 Series	ST3000VX000	3TB	SATA 6Gb/s	CV12
		ST2000VX000	2TB	SATA 6Gb/s	CV12
		ST2000VX002	2TB	SATA 6Gb/s	CV01
		ST1000VX000	1TB	SATA 6Gb/s	CV12
		ST31000526SV	1TB	SATA 6Gb/s	CV15
		ST3500411SV	500GB	SATA 6Gb/s	CV12

## Desktop

Vendor	Family	Model	Capacity	Interface	Firmware
<b>HITACHI</b>	Deskstar 7K1000.C	HDS721010CLA332	1TB	SATA 3Gb/s	JP40
	Deskstar 7K1000.D	HDS721010DLE630	1TB	SATA 6Gb/s	5R0
	Deskstar 7K2000	HDS722020ALA330	2TB	SATA 3Gb/s	JKAOA28A
	Deskstar 7K3000	HDS723030ALA640	3TB	SATA 6Gb/s	MKAO
		HDS723020BLA642	2TB	SATA 6Gb/s	MN60
		HDS723015BLA642	1.5TB	SATA 6Gb/s	MN60
<b>SEAGATE</b>	Barracuda 7200.11	ST31500341AS	1.5TB	SATA 3Gb/s	CC1H
		ST3500320AS	500GB	SATA 3Gb/s	SD1A
	Barracuda 7200.12	ST31000528AS	1TB	SATA 3Gb/s	CC38
		ST3500413AS	500GB	SATA 3Gb/s	CC35
		ST3500418AS	500GB	SATA 3Gb/s	CC35
	Barracuda 7200.14	ST3000DM001	3TB	SATA 6Gb/s	CC46
		ST2000DM001	2TB	SATA 6Gb/s	CC46
		ST1000DM003	1TB	SATA 6Gb/s	
	Barracuda LP	ST32000542AS	2TB	SATA 3Gb/s	CC34
		ST31500541AS	1.5TB	SATA 3Gb/s	CC34
	Barracuda XT	ST33000651AS	3TB	SATA 6Gb/s	CC45
		ST32000641AS	2TB	SATA 6Gb/s	CC13
<b>WD</b>	WD Caviar Black	WD2002FAEX	2TB	SATA 6Gb/s	05.0
		WD1502FAEX	1.5TB	SATA 6 Gb/s	05.0
		WD1002FAEX	1TB	SATA 6Gb/s	05.0
		WD5002AALX	500GB	SATA 6Gb/s	15.0

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## 2. UPS Support

Vendor	Model
<b>APC</b>	APC Smart-UPS XL 3000VA (SUA3000XL)
<b>APC</b>	APC Back-UPS ES 500VA (BE500TW)

## 3. DAS Support

Vendor	Model
AXUS	FiT300 series
AXUS	FiT 500 series
Promise	SmartStor DS4600

**Note: For 4bay device only.**

## 4. UPnP Router (auto port-forwarding)

Vendor	Model
D-Link	DIR-300

**Note: This is the model we tested for auto port-forwarding function. Basically, all router possess UPnP function should be compatible.**

## 5. Joystick Support

Vendor	Model
Axis	T8311
Axis	295
Logitech	Attack 3

**Note: NUUO supports all the models of joysticks that are compatible with Windows.**

**Supported functions:**

Type	Function
View & Camera	Goto View # Goto Previous Camera Goto Next Camera
Screen Layout Switch	Switch Screen Layout Toggle Single Camera View Toggle Full Screen
PTZ Control	Goto Preset Point # Zoom Out Zoom In Start/Stop Patrol

## 6. Web Browser

Web	Internet Explorer 8 (32 bit)				
OS	Windows XP-SP3 32 bit	Windows 2003-SP2	Windows Vista-SP2	Windows 7 32/64 bit	Windows 8 32/64 bit
PASS/FAIL	PASS	X	X	PASS	-
Web	Internet Explorer 9 (32 bit)				
OS	Windows XP-SP3 32 bit	Windows 2003-SP2	Windows Vista-SP2	Windows 7 32/64 bit	Windows 8 32/64 bit
PASS/FAIL	-	X	X	PASS	-
Web	Internet Explorer 10 (32 bit)				
OS	Windows XP-SP3 32 bit	Windows 2003-SP2	Windows Vista-SP2	Windows 7 32/64 bit	Windows 8 32/64 bit
PASS/FAIL	-	-	-	PASS	PASS
Web	Chrome*				
OS	Windows	Windows	Windows	Windows 7	Windows 8

	XP-SP3 32 bit	2003-SP2	Vista-SP2	64 bit	64 bit
<b>PASS/FAIL</b>	-	-	-	PASS	PASS
<b>Web</b>	<b>Safari v6.1*</b>				
<b>OS</b>	MAC OS X 10.6	MAC OS X 10.7	MAC OS X 10.8	-	-
<b>PASS/FAIL</b>	-	PASS	PASS	-	-
<b>Web</b>	<b>Safari v7.0*</b>				
<b>OS</b>	MAC OS X 10.6	MAC OS X 10.7	MAC OS X 10.8	-	-
<b>PASS/FAIL</b>	-	PASS	PASS	-	-

-: not available

X: not compatible

\*Below functions are not supported on Safari or Chrome.

! POS

! Fisheye dewarp

## 7. Network Neighborhood

<b>OS</b>	Windows XP-SP3 32 bit	Windows 2003-SP2	Windows Vista-SP2	Windows 7 32/64 bit	Windows 8 32/64 bit
<b>PASS/FAIL</b>	PASS	X	X	PASS	PASS

X: not compatible

## 8. FTP

<b>OS</b>	Windows XP-SP3 32 bit	Windows 2003-SP2	Windows Vista-SP2	Windows 7 32/64 bit	Windows 8 32/64 bit
<b>PASS/FAIL</b>	PASS	X	X	PASS	PASS

X: not compatible

