

Centrix NVS Series v 1. 1. 2 Compatibility List

Document History

FW version	Date	Change List
V1. 0	2012/1/23	Initial
V1.1	2013/7/11	1. New HDD compatible 2. Touch panel support 3. Compatible with Windows 8 (32/64 bit) and IE 10 (32 bit)
V1.1. 2	2013/9/6	1. Add supported joystick functions 2. Add reminders on compatible monitor 3. Mark NS-8060 compatible HDD

Compatibility list included versions in this build are:

NS - 1040			NVS Version
2013.9	V 1. 1. 2	NS-1040_1.1.2_0009_2.16.bin	01.01.0002.0009
NS - 1080			NVS Version
2013.9	V 1. 1. 2	NS-1080_1.1.2_0009_2.16.bin	01.01.0002.0009
NS - 8060			NVS Version
2013.9	V 1. 1. 2	NS-8060_1.1.2_0009_2.16.bin	01.01.0002.0009

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.

[3.5 - inch Hard Drives]

Enterprise

Vendor	Family	Model	Capacity	Interface	Firmware	Tested Model	
						NS-1040 NS-1080	NS-8060
HI TACHI	Ultrastar A7K2000	HUA722010CLA330	1TB	SATA 3Gb/s	JP40	V	
SEA GATE	Constellation ES.3	ST4000NM0033	4TB	SATA 6Gb/s	0001	V	
		ST3000NM0033	3TB	SATA 6Gb/s	0001	V	
WD	WD RE4	ST31000524NS	1TB	SATA 3Gb/s	SN12	V	
		WD2003FYY5	2TB	SATA 3Gb/s	01.0	V	
		WD1003FBYX	1TB	SATA 3Gb/s	01.0	V	
	WD RE	WD5003ABYX	500GB	SATA 3Gb/s	01.0	V	
		WD4000FYYZ	4TB	SATA 6Gb/s	01.0	V	V
		WD3000FYYZ	3TB	SATA 6Gb/s	01.0	V	
		WD2000FYYZ	2TB	SATA 6Gb/s	01.0	V	
Toshiba	MG03ACAxxx	MG03ACA300	3TB	SATA 6Gb/s		V	V
		MG03ACA200	2TB	SATA 6Gb/s		V	V
		MG03ACA100	1TB	SATA 6Gb/s		V	V

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

Video Surveillance

Vendor	Family	Model	Capacity	Interface	Firmware	Tested Model	
						NS-1040 NS-1080	NS-8060
SEA GATE	SV35 Series	ST3000VX000	3TB	SATA 6Gb/s	CV12	V	V
		ST2000VX000	2TB	SATA 6Gb/s	CV12	V	V
		ST2000VX002	2TB	SATA 6Gb/s	CV01	V	
		ST1000VX000	1TB	SATA 6Gb/s	CV12	V	V

Desktop

Vendor	Family	Model	Capacity	Interface	Firmware	Tested Model	
						NS-1040 NS-1080	NS-8060
HITACHI	Deskstar 7K1000.D	HDS721010DLE630	1TB	SATA 6Gb/s	5R0	V	
		HDS723030ALA640	3TB	SATA 6Gb/s	MKAO	V	
	Deskstar 7K3000	HDS723020BLA642	2TB	SATA 6Gb/s	MN60	V	
		HDS723015BLA642	1.5TB	SATA 6Gb/s	MN60	V	
SEA GATE	Barracuda 7200.11	ST31500341AS	1.5TB	SATA 3Gb/s	CC1H	V	
	Barracuda 7200.12	ST31000528AS	1TB	SATA 3Gb/s	CC38	V	
		ST3500413AS	500GB	SATA 3Gb/s	CC35	V	
	Barracuda 7200.14	ST3000DM001	3TB	SATA 6Gb/s	CC46	V	
		ST2000DM001	2TB	SATA 6Gb/s	CC46	V	
		ST1000DM003	1TB	SATA 6Gb/s		V	
	Barracuda LP	ST31500541AS	1.5TB	SATA 3Gb/s	CC34	V	
	Barracuda XT	ST33000651AS	3TB	SATA 6Gb/s	CC45	V	
ST32000641AS		2TB	SATA 6Gb/s	CC13	V		
W D	WD Caviar Black	WD2002FAEX	2TB	SATA 6Gb/s	05.0	V	
		WD1002FAEX	1TB	SATA 6Gb/s	05.0	V	V
	WD Red NAS Hard Drives	WD30EFRX	3TB	SATA 6Gb/s	80.0	V	
		WD20EFRX	2TB	SATA 6Gb/s	80.0	V	
		WD10EFRX	1TB	SATA 6Gb/s	01.0	V	

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[2.5 -inch Hard Drives] For 1bay device only

Enterprise

Vendor	Family	Model	Capacity	Interface	Firmware
WD	WD AV-25	WD 10JUCT	1TB	SATA 3Gb/s	01.0
		WD5000LUCT	500GB	SATA 3Gb/s	01.0

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2. Monitor Support

Output Source	Resolution
HDMI VGA	1024x768, 60Hz
	1280x720, 60Hz
	1280x1024, 60Hz
	1920x1080, 60Hz

- 1) We improve HDMI compatibility in FW v1.1.2.
- 2) HDMI cable should be HDMI certificated, and its signal transmission quality depends on the diameter of wire (AWG) and the length of cable. If the length of your HDMI/VGA cable is over 1M, add a "repeater" to strengthen the signal.
- 3) When the UI/video image isn't at the correct location, correct it by the "auto adjust" function on the monitor or adjust it manually.
- 4) If encountering display issue, please use remote control to press the "10+" button, release it and press the "." button to switch monitor resolution (switching sequence: auto (default) ☒ 1024x768 ☒ 1280x720 ☒ 1280x1024 ☒ 1920x1080). If it fails, please check the signal out via PC to make sure monitor is under standard regulations.

3. Touch Panel Support

Vendor	Model
Acer	T232HL
ViewSonic	TD2220

4. UPS Support

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

5. DAS Support

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

6. UPnP Router (auto port - forwarding)

Vendor	Model
D-Link	DIR-300

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

7. 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

8. 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

-: not available

X: not compatible

9. FTP

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	PASS

X: not compatible