



## **HDD Compatible List for Hikvision DVR/NVR**

**v20220606**

## Catalog

Category	Product Series
[DVR] <u>Turbo 5.0</u>	iDS-7200HQHI-K1/S、iDS-7200HQHI-K2/S、iDS-7200HQHI-K1/S(B) 、iDS-7200HQHI-K2/S(B) iDS-7200HUHI-K1/S、iDS-7200HUHI-K2/S、iDS-7200HUHI-K1/4S(B)、iDS-7200HUHI-K2/4S(B) iDS-7316HUHI-K4/16S iDS-9016HUHI-K8/16S  iDS-7200HQHI-M1/S、iDS-7200HQHI-M2'S、iDS-7200HUHI-M1/S、iDS-7200HUHI-M2/S、iDS-7200HQHI-M1/FA
[DVR] <u>Turbo 4.0</u>	DS-7104HQHI-K1,DS-7108HQHI-K1,DS-7204HQHI-K1,DS-7208HQHI-K1,DS-7208HQHI-K2,DS-7204HQHI-K1/P,DS-7208HQHI-K2/P DS-7204HUHI-K1, DS-7204HUHI-K1/P,DS-7204HUHI-K2,DS-7116HQHI-K1,DS-7216HQHI-K1,DS-7216HQHI-K2,DS-7216HQHI-K2/P DS-7208HUHI-K1,DS-7208HUHI-K2,DS-7216HUHI-K2,DS-7304HQHI-K4,DS-7308HQHI-K4,DS-7316HQHI-K4 DS-7204HTHI-K1,DS-7204HTHI-K2,DS-7208HTHI-K2,DS-7304HUHI-K4,DS-7308HUHI-K4,DS-7316HUHI-K4 DS-9008HUHI-K8,DS-9016HUHI-K8,DS-7324HUHI-K4,DS-7332HUHI-K4,DS-8124HUHI-K8,DS-8132HUHI-K8 DS-9024HUHI-K8,DS-9032HUHI-K8,DS-7216HUHI-K2/P,DS-7208HUHI-K2/P,DS-7224HQHI-K2,DS-7232HQHI-K2
[DVR] <u>Turbo 3.0</u>	DS-7100HWI-SL(SH), DS-7100HVI-SL(SH), DS-7200HWI-SL,DS-7200HWI-SH, DS-7200HFI-SH, DS-7200HVI-SV, DS-7224/32HVI-SH, DS-7224HWI-SH, DS-7224HWI-E2,DS-7300HWI-SH, DS-7300HFI-SH, DS-7300HI-SH DS-8100HWSI-SH, DS-8100HFSI-SH, DS-8100HCI-SH,DS-7200HWI-E1, DS-7200HWI-E1/C,DS-7200HWI-E2, DS-7200HWI-E2/C DS-7300HWI-E4, DS-7300HWI-E4/C,DS-7100HGHI-E,DS-7100HGHI-F,DS-7200HGHI-E,DS-7200HGHI-F DS-7100HGHI-SH, DS-7100HQHI-SH,DS-7200HGHI-SH, DS-7200HQHI-SH,DS-7300HGHI-SH, DS-7300HQHI-SH DS-8100HGHI-SH, DS-8100HQHI-SH, DS-9000HQHI-SH,DS-7200HFHI-SL(SE), DS-7200HFHI-ST,DS-7300HFHI-SL, DS-7300HFHI-ST DS-8100HFHI-SL, DS-8100HFHI-ST,DS-7100NI-SN(/N)/(P), DS-7600NI-SN(/N)/(P),DS-7104HGHI-F1, DS-7108HGHI-F1 DS-7116HGHI-F1, DS-7204HGHI-F1,DS-7208HGHI-F1, DS-7216HGHI-F1,DS-7208HGHI-F2, DS-7216HGHI-F2 DS-7104HQHI-F1/N, DS-7108HQHI-F1/N,DS-7116HQHI-F1/N, DS-7204HQHI-F1/N,DS-7208HQHI-F1/N, DS-7216HQHI-F1/N DS-7208HQHI-F2/N, DS-7216HQHI-F2/N,DS-7304HQHI-F4/N, DS-7308HQHI-F4/N,DS-7316HQHI-F4/N, DS-8104HQHI-F8/N DS-8108HQHI-F8/N, DS-8116HQHI-F8/N,DS-7324HQHI-F4/N, DS-7332HQHI-F4/N,DS-8124HQHI-F8/N, DS-8132HQHI-F8/N DS-7204HUHI-F1/N, DS-7208HUHI-F1/N,DS-7204HUHI-F2/N, DS-7208HUHI-F2/N,DS-7216HUHI-F2/N, DS-7304HUHI-F4/N DS-7308HUHI-F4/N, DS-7316HUHI-F4/N,DS-8104HUHI-F8/N, DS-8108HUHI-F8/N,DS-8116HUHI-F8/N, DS-9004HUHI-F8/N DS-9008HUHI-F8/N, DS-9016HUHI-F8/N,DS-7604HUHI-F1/N, DS-7608HUHI-F2/N,DS-7616HUHI-F2/N
[DVR] <u>Turbo 3.0 -F for RAID</u>	DS-7304HUHI-F4/N、DS-8104HUHI-F8/N、DS-9004HUHI-F8/N、DS-7904HUH-F4/N、DS-8804HUH-F4/N、DS-7304HQH-SH、DS-8104HQH-SH、DS-8104HQHS-SH、DS-8004HQH-SH、DS-9004HQH-SH、DS-7308HUHI-F4/N、DS-8108HUHI-F8/N、DS-9008HUHI-F8/N、DS-7908HUH-F4/N、DS-8808HUH-F4/N、DS-7308HQH-SH、DS-8108HQH-SH

	DS-8108HQHS-SH、DS-8008HQB-SH、DS-9008HQB-SH、DS-7316HUHI-F4/N、DS-8116HUHI-F8/N、DS-9016HUHI-F8/N、DS-7916HUH-F4/N、DS-8816HUH-F4/N、DS-7316HQB-SH、DS-8116HQB-SH、DS-8116HQHS-SH、DS-8016HQB-SH、DS-9016HQB-SH、DS-9008HQB-XT、DS-9008HUH-F16/N、DS-9016HQB-XT、DS-9016HUH-F16/N
[DVR] Turbo 1.0	DS-8124HGH-SH、DS-8132HGH-SH、DS-7324HGH-SH、DS-7332HGH-SH、DS-8104HGH-SH、DS-8108HGH-SH、DS-8116HGH-SH、DS-8104HGHS-SH、DS-8108HGHS-SH、DS-8116HGHS-SH、DS-7304HGH-SH、DS-7308HGH-SH、DS-7316HGH-SH、DS-7204HGH-SH、DS-7208HGH-SH、DS-7216HGH-SH、DS-8104 HQH-SH、DS-8108HQB-SH、DS-8116HQB-SH、DS-8104HQHS-SH、DS-8108HQHS-SH、DS-8116HQHS-SH、DS-7304HQB-SH、DS-7308HQB-SH、DS-7316HQB-SH、DS-7204HQB-SH、DS-7208HQB-SH
[DVR] Discontinued Types	DS-7204/7208/7216HVI-SH DS-7300H(F)I-S, DS-8100HDI-S, DS-8100HFI-S, DS-7600NI-S, DS-7600HI-S DS-7200HVI-ST(/SN)(/SE), DS-7200HFI-ST(/SN/SE) DS-7300HI-ST, DS-7300HFI-ST, DS-8100HDI-ST DS-7000-S DS-8000-S Series DS-8000/9000HWI-ST, DS-8100/9100HWI-ST, DS-9100HFI-ST, DS-9100HFI-XT, DS-9100HFHI-ST DS-9000HFI-RT, DS-9100HFI-RT, DS-9500NI-RT, DS-9600NI-RT DS-9100HD(F)I-S, DS-9100HFI-SH, DS-9000HFI-S, DS-9000HFI-SH, DS-9600NI-SH DS-9664NI-RH DS-9000HFI-RH, DS-9100HFI-RH, DS-9600NI-RH
[NVR] iDS-9600NXI-I	iDS-96064NXI-I16(B) iDS-96128NXI-I16(B) iDS-96128NXI-I24(B) iDS-96064NXI-I16 iDS-96128NXI-I16 iDS-96128NXI-I24
[NVR] DS-9600NI-I	DS-96128NI-I16(/H)、DS-96256NI-I16(/H) DS-96128NI-I24(/H)、DS-96256NI-I24(/H) DS-96064NI-I16
[NVR] iDS-77 86 88 96NXI-I	iDS-7700NXI-I4/16S(B)、iDS-7700NXI-I4/16P/16S(B) (SPEC MAX 8TB) iDS-7700NXI-I4/X(B)、iDS-7700NXI-I4/16P/X(B) iDS-9600NXI-I8/16S(B)、iDS-9600NXI-I16/16S(B) iDS-9600NXI-I8/X(B)、iDS-9600NXI-I16/X(B) iDS-9600NXI-I8/8F(B)、iDS-9600NXI-I16/8F(B) iDS-9600NXI-I8/BA  DS-7600NXI-I2/S、DS-7600NXI-I2/8P/S、DS-7600NXI-I2/16P/S (SPEC MAX 8TB) DS-7700NXI-I4/S、DS-7700NXI-I4/16P/S (SPEC MAX 6TB) DS-7800NXI-I2/S、DS-7800NXI-I2/8P/S、DS-7800NXI-I2/16P/S (SPEC MAX 8TB) DS-7916NXI-I4/S、DS-7916NXI-I4/16P/S (SPEC MAX 6TB)

[NVR] <u>DS-76 77 86 96NI-I</u>	DS-7600NI-I2 DS-7700NI-I4 DS-8600NI-I8、DS-9600NI-I8 DS-8600NI-I16、DS-9600NI-I16
[NVR] <u>DS-76 77 86NI-K</u>	DS-7600NI-K2 DS-7700NI-K4 DS-8600NI-K8
[NVR] <u>DS-76 77NI-Q &amp; 76 NI-K1 (B)</u>	DS-7600NI-Q1(/4P) DS-7600NI-Q2(/8P)(/16P) DS-7600NI-K1(B)
[NVR] <u>DS-71NI-Q1</u>	DS-7100NI-Q1(/4P)(/8P)/M
[NVR] <u>DS-79 88NXI-K</u>	DS-7900NXI-K4(/8P)(/16P),DS-8800NXI-K8
X50 HikCentral-Storage	HikCentral-Storage/128/16H,HikCentral-Storage/256/16H
[NVR] <u>Discontinued Types</u>	DS-7100NI-E1(/4P)(/8P)(/M) DS-7600NI-E1/E2(/N)(/P), DS-7700NI-E4(/N)(/P), DS-8600NI-E8 DS-7104NI-SL/W, DS-7600NI-SE(/N)(/P), DS-7600NI-V(VP) DS-7600NI-E1/A(All-in-one NVR), DS-7108NI-E1/V/W(Wifi Router NVR) DS-7608NI-G2/4P(SSD NVR) DS-7600NI-ST/SP, DS-7700NI-ST/SP, DS-8600/9600NI-ST, DS-9600NI-XT DS-96128NI-E16(/H), DS-96128NI-E24(/H)DS-96256NI-E16(/H), DS-96256NI-E24(/H) DS-96128NI-F16(/H), DS-96128NI-F24(/H)DS-96256NI-F16(/H), DS-96256NI-F24(/H) DS-9600NI-XT(Raid enabled), DS-9600NI-ST(Raid enabled)

## Attention

The **DM SMR HDD** listed in the below table cannot be used for **RAID, Dual-VCA data storage** and **Custom log storage**, but can be used for normal storage.

Brand	Model
WD	WD21PURX-78
	WD41PURX-78
	WD61PURX-78
	WD21HKVS-78
	WD41HKVS-78
	WD61HKVS-78
Seagate	ST4000VX005
	ST2000VX012
	ST4000HKVS001
	ST8000VX002
	ST8000VX008
	ST6000VX010
	ST6000VX011
	ST4000VX013
	ST3000VX016
	ST3000VX017
	ST2000VX015
TOSHIBA	DT02ABA400V
	DT02ABA200V

## [DVR] Turbo 5.0

iDS-72xxHQHI-M1/S、iDS-72xxHQHI-M2/S、iDS-72xxHUHI-M1/S、iDS-72xxHUHI-M2/S、iDS-72xxHQHI-M1/FA						
WD						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	WD8002FRYZ		all		2022.01.13
Enterprise	6T	HUS726T6TALE6L4		all		2020.11.16
Enterprise	6T	WD6002FRYZ-01WD5B0		all		2019.7.3
Surveillance	10T	WD102PURX		all		2022.6.6
Surveillance	8T	WD80PURX		all		2020.11.16
Surveillance	8T	WD80PUZX		all		2019.7.3
Surveillance	8T	WD84PURU-64		all		2022.6.6
Surveillance	8T	WD8001PURA-64B6VY0		all		2022.6.6
Surveillance	8T	WD84HKVS-78B4HY0		V4.26.011 build 201109		2021.2.23
Surveillance	8T	WD80PUZX-64NEAY0		all		2022.01.13
Surveillance	8T	WD84PURZ-85B4HY0		V4.26.011 build 201109		2021.2.23
Surveillance	6T	WD62PURX-78B2MY0		V4.26.011 build 201109		2021.2.23
Surveillance	6T	WD62PURZ-85B2MY0		V4.26.011 build 201109		2021.2.23
Surveillance	6T	WD63HKVS-78BFHY0		all		2022.05.18
Surveillance	4T	WD42HKVS-78BFKY0		all		2022.05.18
Surveillance	4T	WD40PURX		all		2018.6.25
Surveillance	4T	WD40PURX-78AKYY0		V4.26.011 build 201109		2021.2.23
Surveillance	4T	WD40PURZ-85AKYY0		V4.26.011 build 201109		2021.2.23
Surveillance	3T	WD30PURX		all		2018.6.25
Surveillance	3T	WD30PURX-78AKYY0		V4.26.011 build 201109		2021.2.23
Surveillance	3T	WD30PURZ-85AKYY0		V4.26.011 build 201109		2021.2.23
Surveillance	2T	WD22HKVS-78BELY0		all		2022.05.18
Surveillance	2T	WD20PURX-78AKYY0		V4.26.011 build 201109		2021.2.23

Surveillance	2T	WD20PURZ-85AKYY0		V4.26.011 build 201109		2021.2.23
Surveillance	1T	WD10PURX		all		2018.6.25
<b>Seagate</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	10T	ST10000NM0086		all		2022.6.6
Enterprise	8T	ST8000NM000A		all		2020.11.16
Enterprise	8T	ST8000NM0055		all		2019.7.3
Enterprise	6T	ST6000NM0004		all		2022.01.13
Enterprise	3T	ST3000NM0005		all		2022.01.13
Surveillance	10T	DS102HKAI-78		all		2022.01.13
Surveillance	10T	ST10000VX004		all		2022.01.13
Surveillance	10T	ST10000VX008		all		2022.01.13
Surveillance	8T	ST8000VX004		all		2022.5.18
Surveillance	6T	ST6000VX0001		all		2022.01.13
Surveillance	6T	ST6000VX004		all		2020.11.16
Surveillance	6T	ST6000VX001		all		2019.7.3
Surveillance	5T	ST5000VX0001		all		2018.6.25
Surveillance	4T	ST4000VX007		all		2020.11.16
Surveillance	4T	ST4000VX000		all		2018.6.25
Surveillance	3T	ST3000VX009		all		2020.11.16
Surveillance	3T	ST3000VX005		all		2018.6.25
Surveillance	2T	ST2000VX000		all		2022.01.13
Surveillance	2T	ST2000VX003		all		2020.11.16
Surveillance	2T	ST2000VX008		all		2018.6.25
Surveillance	1T	ST1000VX001		all		2022.01.13

### [DVR] Turbo 4.0

DS-7104HQHI-K1,DS-7108HQHI-K1,DS-7204HQHI-K1,DS-7208HQHI-K1,DS-7208HQHI-K2,DS-7204HQHI-K1/P,DS-7208HQHI-K2/P  
DS-7204HUHI-K1, DS-7204HUHI-K1/P,DS-7204HUHI-K2,DS-7116HQHI-K1,DS-7216HQHI-K1,DS-7216HQHI-K2,DS-7216HQHI-K2/P  
DS-7208HUHI-K1,DS-7208HUHI-K2,DS-7216HUHI-K2,DS-7304HQHI-K4,DS-7308HQHI-K4,DS-7316HQHI-K4

DS-7204HTHI-K1,DS-7204HTHI-K2,DS-7208HTHI-K2,DS-7304HUHI-K4,DS-7308HUHI-K4,DS-7316HUHI-K4  
DS-9008HUHI-K8,DS-9016HUHI-K8,DS-7324HUHI-K4,DS-7332HUHI-K4,DS-8124HUHI-K8,DS-8132HUHI-K8  
DS-9024HUHI-K8,DS-9032HUHI-K8,DS-7216HUHI-K2/P,DS-7208HUHI-K2/P,DS-7224HQHI-K2,DS-7232HQHI-K2

WD

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	10T	HUH721010ALE600		all		2020.11.16
Enterprise	10T	WD101KRYZ		all		2019.7.3
Enterprise	6T	HUS726T6TALE6L4		all		2020.11.16
Enterprise	6T	WD6002FRYZ		all		2019.7.3
Enterprise	2T	HUS722T2TALA604		all		2020.11.16
Enterprise	2T	WD2004FBYZ		all		2018.6.25
Enterprise	2T	WD2000FYYZ		all		2018.6.25
AI	10T	DS102HKAI-78		all		2022.05.18
Surveillance	10T	WD102PURX		all		2022.6.6
Surveillance	8T	WD80PURX		all		2020.11.16
Surveillance	8T	WD80PUZX		all		2018.6.25
Surveillance	8T	WD82PURX		all		2022.05.18
Surveillance	8T	WD84HKVS-78B4HY0		V4.30.210 build 201207		2021.2.23
Surveillance	8T	WD84PURZ-85B4HY0		V4.30.210 build 201207		2021.2.23
Surveillance	8T	WD84PURU-64		all		2022.6.6
Surveillance	8T	WD8001PURA-64B6VY0		all		2022.6.6
Surveillance	6T	WD60PURX		all		2018.6.25
Surveillance	6T	WD62PURX-78B2MY0		V4.30.210 build 201207		2021.2.23
Surveillance	6T	WD62PURZ-85B2MY0		V4.30.210 build 201207		2021.2.23
Surveillance	6T	WD63HKVS-78BFHY0		all		2022.05.18
Surveillance	4T	WD40PURX		all		2018.6.25
Surveillance	4T	WD40PURX-78AKYY0		V4.30.210 build 201207		2021.2.23
Surveillance	4T	WD40PURZ-85AKYY0		V4.30.210 build 201207		2021.2.23
Surveillance	4T	WD42HKVS-78BFKY0		all		2022.05.18
Surveillance	3T	WD30PURX		all		2018.6.25
Surveillance	3T	WD30PURX-78AKYY0		V4.30.210 build 201207		2021.2.23
Surveillance	3T	WD30PURZ-85AKYY0		V4.30.210 build 201207		2021.2.23



Surveillance	2T	WD20PURX		all		2020.11.16
Surveillance	2T	WD20EURS		all		2018.6.25
Surveillance	2T	WD20PURX-78AKYY0		V4.30.210 build 201207		2021.2.23
Surveillance	2T	WD20PURZ-85AKYY0		V4.30.210 build 201207		2021.2.23
Surveillance	2T	WD22HKVS-78BELY0		all		2022.05.18
Surveillance	1T	WD10PURX		all		2018.6.25
<b>Seagate</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	10T	ST10000NM0016		all		2019.7.3
Enterprise	10T	ST10000NM0086		all		2022.6.6
Enterprise	8T	ST8000NM000A		all		2020.11.16
Enterprise	8T	ST8000NM0055		all		2019.7.3
Enterprise	6T	ST6000NM021A		all		2020.11.16
Enterprise	6T	ST6000NM0115		all		2018.6.25
AI	10T	ST10000VE0018		V4.30.210 build 201207		2022.6.6
AI	10T	ST10000VE0008		all		2020.11.16
AI	10T	ST10000VE0004		all		2020.11.16
AI	10T	ST10000VE0018		V4.30.210 build 201207		2021.2.23
AI	8T	ST8000VE000		V4.30.210 build 201207		2021.2.23
AI	8T	ST8000VE001		V4.30.210 build 201207		2022.6.6
AI	8T	ST8000VE000A		V4.30.210 build 201207		2021.2.23
AI	8T	ST8000HKAI000		V4.30.210 build 201207		2021.08.18
Surveillance	10T	ST10000VX0008		all		2018.6.25
Surveillance	10T	ST10000VX0004		all		2019.7.3
Surveillance	8T	ST8000VX004		all		2020.11.16
Surveillance	8T	ST8000VX0022		all		2020.11.16
Surveillance	8T	ST8000VX008		all		2022.6.6
Surveillance	8T	ST8000VX0002		all		2019.7.3
Surveillance	6T	ST6000VX004		all		2020.11.16
Surveillance	6T	ST6000VX001		all		2017.05.03
Surveillance	4T	ST4000VX005		all		2020.11.16
Surveillance	4T	ST4000VX013		all		2020.11.16

Surveillance	4T	ST4000HKVS001		all		2021.08.18
Surveillance	4T	ST4000VX007		all		2020.11.16
Surveillance	4T	ST4000VX000		all		2017.05.03
Surveillance	3T	ST3000VX006		all		2017.05.03
Surveillance	3T	ST3000VX009		all		2020.11.16
Surveillance	3T	ST3000VX010		all		2020.11.16
Surveillance	2T	ST2000VX012		all		2021.08.18
Surveillance	2T	ST2000VX015		all		2021.08.18
Surveillance	2T	ST2000HKVS001		all		2021.08.18
Surveillance	2T	ST2000VX007		all		2020.11.16
Surveillance	2T	ST2000VX003		all		2022.05.18
Surveillance	1T	ST1000VX008		all		2020.11.16
Surveillance	1T	ST1000VX005		all		2020.11.16
Surveillance	1T	ST1000VX001		all		2017.05.03
<b>TOSHIBA</b>						
<b>Type</b>	<b>Capacity</b>	<b>Model</b>	<b>Old Model</b>	<b>Firmware version</b>	<b>RV</b>	<b>Update</b>
Surveillance	10T	MD06ACA10TV		all		2017.05.03

## [DVR] Turbo 3.0

DS-7100HWI-SL(SH), DS-7100HVI-SL(SH), DS-7200HWI-SL, DS-7200HWI-SH, DS-7200HFI-SH, DS-7200HVI-SV,  
 DS-7224/32HVI-SH, DS-7224HWI-SH, DS-7224HWI-E2, DS-7300HWI-SH, DS-7300HFI-SH, DS-7300HI-SH  
 DS-8100HWSI-SH, DS-8100HFSI-SH, DS-8100HCI-SH, DS-7200HWI-E1, DS-7200HWI-E1/C, DS-7200HWI-E2, DS-7200HWI-E2/C  
 DS-7300HWI-E4, DS-7300HWI-E4/C, DS-7100HGHI-E, DS-7100HGHI-F, DS-7200HGHI-E, DS-7200HGHI-F  
 DS-7100HGHI-SH, DS-7100HQHI-SH, DS-7200HGHI-SH, DS-7200HQHI-SH, DS-7300HGHI-SH, DS-7300HQHI-SH  
 DS-8100HGHI-SH, DS-8100HQHI-SH, DS-9000HQHI-SH, DS-7200HFHI-SL(SE), DS-7200HFHI-ST, DS-7300HFHI-SL, DS-7300HFHI-ST  
 DS-8100HFHI-SL, DS-8100HFHI-ST, DS-7100NI-SN(/N)/(P), DS-7600NI-SN(/N)/(P), DS-7104HGHI-F1, DS-7108HGHI-F1  
 DS-7116HGHI-F1, DS-7204HGHI-F1, DS-7208HGHI-F1, DS-7216HGHI-F1, DS-7208HGHI-F2, DS-7216HGHI-F2  
 DS-7104HQHI-F1/N, DS-7108HQHI-F1/N, DS-7116HQHI-F1/N, DS-7204HQHI-F1/N, DS-7208HQHI-F1/N, DS-7216HQHI-F1/N  
 DS-7208HQHI-F2/N, DS-7216HQHI-F2/N, DS-7304HQHI-F4/N, DS-7308HQHI-F4/N, DS-7316HQHI-F4/N, DS-8104HQHI-F8/N  
 DS-8108HQHI-F8/N, DS-8116HQHI-F8/N, DS-7324HQHI-F4/N, DS-7332HQHI-F4/N, DS-8124HQHI-F8/N, DS-8132HQHI-F8/N  
 DS-7204HUHI-F1/N, DS-7208HUHI-F1/N, DS-7204HUHI-F2/N, DS-7208HUHI-F2/N, DS-7216HUHI-F2/N, DS-7304HUHI-F4/N

DS-7308HUHI-F4/N, DS-7316HUHI-F4/N,DS-8104HUHI-F8/N, DS-8108HUHI-F8/N,DS-8116HUHI-F8/N, DS-9004HUHI-F8/N  
DS-9008HUHI-F8/N, DS-9016HUHI-F8/N,DS-7604HUHI-F1/N, DS-7608HUHI-F2/N,DS-7616HUHI-F2/N

**WD**

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	HUS728T8TALE6L4		all		2020.11.16
Enterprise	8T	WD8002FRYZ		all		2018.6.25
Enterprise	6T	HUS726T6TALE6L4		all		2020.11.16
Enterprise	6T	WD6002FRY		all		2018.6.25
Enterprise	4T	HUS726T4TALE6L4		all		2020.11.16
Enterprise	4T	WD4002FYYZ		all		2017.05.03
Surveillance	8T	WD82PURX		all		2022.05.18
Surveillance	6T	WD60EURX		all		2017.05.03
Surveillance	6T	WD60PURX		all		2017.05.03
Surveillance	6T	WD62PURX		all		2022.05.18
Surveillance	6T	WD63HKVS-78BFHY0		all		2022.05.18
Surveillance	4T	WD40EURX		all		2017.05.03
Surveillance	4T	WD40PURX		all		2017.05.03
Surveillance	4T	WD42HKVS-78BFKY0		all		2022.05.18
Surveillance	3T	WD30EURX		all		2017.05.03
Surveillance	3T	WD30EURS		all		2017.05.03
Surveillance	3T	WD30PURX		all		2017.05.03
Surveillance	2T	WD20EVDS		all		2017.05.03
Surveillance	2T	WD20EURX		all		2017.05.03
Surveillance	2T	WD20PURX		all		2017.05.03
Surveillance	2T	WD22HKVS-78BELY0		all		2022.05.18
Surveillance	1T	WD10PURX		all		2017.05.03

**Seagate**

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	3T	ST3000NM0055		all		2017.05.03
Enterprise	3T	ST3000NM000A		all		2022.6.6

Enterprise	2T	ST2000NM0055		all		2017.05.03
Enterprise	2T	ST2000NM000A		all		2022.6.6
Enterprise	2T	ST2000NM001A		all		2022.6.6
Enterprise	1T	ST1000NM0055		all		2017.05.03
Enterprise	1T	ST1000NM000A		all		2022.6.6
AI	8T	ST8000VE000		all		2021.02.23
AI	8T	ST8000VE001		all		2022.6.6
AI	8T	ST8000HKAI000		all		2021.08.18
AI	8T	ST8000VE000A		all		2021.02.23
AI	6T	ST6000VX001		all		2017.05.03
AI	6T	ST6000HKAI000		all		2021.08.18
AI	6T	ST6000VE001		all		2017.05.03
Surveillance	8T	ST8000VX004		all		2022.05.18
Surveillance	6T	ST6000VX004		all		2020.11.16
Surveillance	6T	ST6000VX001		all		2020.11.16
Surveillance	3T	ST3000VX009		all		2017.05.03
Surveillance	3T	ST3000VX010		all		2020.11.16
Surveillance	3T	ST3000VX006		all		2017.05.03
Surveillance	2T	ST2000VX007		all		2020.11.16
Surveillance	2T	ST2000VX003		all		2022.05.18
Surveillance	1T	ST1000VX008		all		2020.11.16
<b>TOSHIBA</b>						
<b>Type</b>	<b>Capacity</b>	<b>Model</b>	<b>Old Model</b>	<b>Firmware version</b>	<b>RV</b>	<b>Update</b>
Enterprise	8T	MG06ACA800E		all		2022.05.18
Enterprise	6T	MG04ACA600E		all		2017.05.03
Surveillance	6T	MD06ACA600V		all		2017.05.03

## [DVR] Turbo 3.0 -F for RAID

DS-7304HUHI-F4/N、DS-8104HUHI-F8/N、DS-9004HUHI-F8/N、DS-7904HUH-F4/N、DS-8804HUH-F4/N、DS-7304HQH-SH、DS-8104HQH-SH、DS-8104HQHS-SH、DS-8004HQH-SH、DS-9004HQH-SH、DS-7308HUHI-F4/N、DS-8108HUHI-F8/N、DS-9008HUHI-F8/N、DS-7908HUH-F4/N、DS-8808HUH-F4/N、DS-7308HQH-SH、DS-8108HQH-SH

DS-8108HQHS-SH、DS-8008HQH-SH、DS-9008HQH-SH、DS-7316HUHI-F4/N、DS-8116HUHI-F8/N、DS-9016HUHI-F8/N、DS-7916HUH-F4/N、DS-8816HUH-F4/N、DS-7316HQH-SH、DS-8116HQH-SH、DS-8116HQHS-SH、DS-8016HQH-SH、DS-9016HQH-SH、DS-9008HQH-XT、DS-9008HUH-F16/N、DS-9016HQH-XT、DS-9016HUH-F16/N

### WD

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	HUS728T8TALE6L4		V3.4.63 Build160817		2020.11.16
Enterprise	8T	WD8002FRYZ-01FF2B0		V3.4.63 Build160817		2018.6.25
Surveillance	8T	WD84HKVS-78B4HY0		V4.40.000 build 191031		2021.2.23
Surveillance	8T	WD84PURZ-85B4HY0		V4.40.000 build 191031		2021.2.23
Surveillance	6T	WD62PURX-78B2MY0		V4.40.000 build 191031		2021.2.23
Surveillance	6T	WD62PURZ-85B2MY0		V4.40.000 build 191031		2021.2.23
Surveillance	4T	WD40PURX-78AKYY0		V4.40.000 build 191031		2021.2.23
Surveillance	4T	WD40PURZ-85AKYY0		V4.40.000 build 191031		2021.2.23
Surveillance	3T	WD30PURX-78AKYY0		V4.40.000 build 191031		2021.2.23
Surveillance	3T	WD30PURZ-85AKYY0		V4.40.000 build 191031		2021.2.23
Surveillance	2T	WD20PURX-78AKYY0		V4.40.000 build 191031		2021.2.23
Surveillance	2T	WD20PURZ-85AKYY0		V4.40.000 build 191031		2021.2.23

### Seagate

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	3T	ST3000NM000A		V3.4.63 Build160817		2020.11.16
Enterprise	3T	ST3000NM0005		V3.4.63 Build160817		2018.6.25
Enterprise	2T	ST2000NM000A		V3.4.63 Build160817		2020.11.16
Enterprise	2T	ST2000NM001A		V3.4.63 Build160817		2020.11.16
Enterprise	2T	ST2000NM0055		V3.4.63 Build160817		2017.05.03
Enterprise	1T	ST1000NM000A		V3.4.63 Build160817		2020.11.16
Enterprise	1T	ST1000NM0055		V3.4.63 Build160817		2017.05.03

Surveillance	6T	ST6000VX004		V3.4.81 Build160222		2020.11.16
Surveillance	6T	ST6000VX001		V3.4.81 Build160222		2017.05.03
Surveillance	3T	ST3000VX009		V3.4.81 Build160222		2017.05.03
<b>HITACHI</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	HUH728080ALE600		V3.4.63 Build160817		2017.05.03
Enterprise	6T	HUS726060ALE610		V3.4.63 Build160817		2017.05.03
Enterprise	4T	HUS726040ALE610		V3.4.63 Build160817		2017.05.03

## [DVR] Turbo 1.0

DS-8124HGH-SH、DS-8132HGH-SH、DS-7324HGH-SH、DS-7332HGH-SH、DS-8104HGH-SH、DS-8108HGH-SH、DS-8116HGH-SH、DS-8104HGHS-SH、DS-8108HGHS-SH、DS-8116HGHS-SH、DS-7304HGH-SH、DS-7308HGH-SH、DS-7316HGH-SH、DS-7204HGH-SH、DS-7208HGH-SH、DS-7216HGH-SH、DS-8104 HQH-SH、DS-8108HQH-SH、DS-8116HQH-SH、DS-8104HQHS-SH、DS-8108HQHS-SH、DS-8116HQHS-SH、DS-7304HQH-SH、DS-7308HQH-SH、DS-7316HQH-SH、DS-7204HQH-SH、DS-7208HQH-SH

<b>WD</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	6T	WD6002FRYZ-01WD5B0		V3.3.1 Build 151016		2014.5.21
Enterprise	2T	WD2004FBYZ-01YCBBO		V3.3.0 Build150826		2013.6.26
Surveillance	8T	WD82PURX		all		2022.05.18
Surveillance	6T	WD62PURX		all		2022.05.18
Surveillance	4T	WD40PURX-64GVNY0		all		2013.6.26
Surveillance	3T	WD30PURX-64P6ZY0		all		2013.6.26
Surveillance	2T	WD20EVDS-63T3B0		all		2013.6.26
Surveillance	2T	WD20PURX-64P6ZY0		all		2013.6.26
Surveillance	1T	WD10PURX		all		2013.6.26
Surveillance	1T	WD10EURX-63FH1Y0		all		2013.6.26
Surveillance	500G	WD05PURX-64E5EY0		all		2013.6.26
<b>Seagate</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Surveillance	8T	ST8000VX004		all		2022.05.18
Surveillance	6T	ST6000VX001		all		2021.2.23

Surveillance	6T	ST6000HKVS001		all		2022.05.18
Surveillance	6T	ST6000VX010		all		2022.6.6
Surveillance	4T	ST4000HKVS001		all		2022.05.18
Surveillance	4T	ST4000VX013		all		2022.05.18
Surveillance	4T	ST4000VX007		all		2022.05.18
Surveillance	4T	ST4000VX005		all		2014.5.21
Surveillance	4T	ST4000VX000		all		2013.6.26
Surveillance	3T	ST3000VX009		all		2013.6.26
Surveillance	3T	ST3000VX010		all		2013.6.26
Surveillance	3T	ST3000VX006		all		2013.6.26
Surveillance	3T	ST3000VX006		all		2013.6.26
Surveillance	2T	ST2000VX012		all		2013.6.26
Surveillance	2T	ST2000VX015		all		2013.6.26
Surveillance	2T	ST2000HKVS001		all		2022.6.6
Surveillance	2T	ST2000VX008		all		2013.6.26
Surveillance	2T	ST2000HKVS001		all		2022.05.18
Surveillance	1T	ST1000VX003		all		2013.6.26
Surveillance	1T	ST1000VX002		all		2013.6.26
Surveillance	1T	ST1000VX000		all		2013.6.26
Surveillance	1T	ST1000VX001		all		2013.6.26
<b>TOSHIBA</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Surveillance	6T	DT02ABA600VH		all		2022.05.18
Surveillance	5T	MD04ABA500V		all		2013.6.26
Surveillance	4T	MD04ABA400V		all		2013.6.26
Surveillance	3T	DT01ABA300V		all		2013.6.26
Surveillance	2T	DT01ABA200V		all		2013.6.26
Surveillance	1T	DT01ABA100V		all		2013.6.26
<b>HITACHI</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	6T	HUS726060ALE610		V3.3.1 Build 151016		2013.6.26
Enterprise	4T	HUS724040ALA640		all		2013.6.26

## [DVR] 7204HGHI-K & 7208HGHI-K

7204HGHI-K 7208HGHI-K						
WD						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Surveillance	8T	WD84HKVS-78B4HY0		V4.31.000 build 201121		2021.2.23
Surveillance	8T	WD84PURZ-85B4HY0		V4.31.000 build 201121		2021.2.23
Surveillance	6T	WD62PURX-78B2MY0		V4.31.000 build 201121		2021.2.23
Surveillance	6T	WD62PURZ-85B2MY0		V4.31.000 build 201121		2021.2.23
Surveillance	6T	WD63HKVS-78BFHY0		all		2022.05.18
Surveillance	4T	WD40PURX-78AKYY0		V4.31.000 build 201121		2021.2.23
Surveillance	4T	WD40PURZ-85AKYY0		V4.31.000 build 201121		2021.2.23
Surveillance	4T	WD42HKVS-78BFKY0		all		2022.05.18
Surveillance	4T	WD40PURX		all		2017.05.03
Surveillance	3T	WD30PURX-78AKYY0		V4.31.000 build 201121		2021.2.23
Surveillance	3T	WD30PURZ-85AKYY0		V4.31.000 build 201121		2021.2.23
Surveillance	3T	WD30PURX		all		2017.05.03
Surveillance	2T	WD20PURX-78AKYY0		V4.31.000 build 201121		2021.2.23
Surveillance	2T	WD20PURZ-85AKYY0		V4.31.000 build 201121		2021.2.23
Surveillance	2T	WD22HKVS-78BELY0		all		2022.05.18
Surveillance	2T	WD20PURX		all		2016.09.26
Surveillance	1T	WD10PURX		all		2016.09.26
Seagate						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Surveillance	4T	ST4000VX007		all		2020.11.16
Surveillance	4T	ST4000VX000		all		2017.05.03
Surveillance	3T	ST3000VX009		all		2020.11.16
Surveillance	3T	ST3000VX010		all		2020.11.16
Surveillance	3T	ST3000VX006		all		2016.09.26
Surveillance	2T	ST2000VX008		all		2020.11.16



Surveillance	2T	ST2000VX003		all		2020.11.16
Surveillance	2T	ST2000VX000		all		2016.09.26
Surveillance	1T	ST1000VX005		all		2020.11.16
Surveillance	1T	ST1000VX001		all		2016.09.26

## [DVR] Discontinued Types

### [DVR] DS-72HVI-SH

DS-7204/7208/7216HVI-SH							
Seagate							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	4T	ST4000VM000		all			2016.09.26
	3T	ST3000VX000		all	2014.8.11		2013.6.26
		ST3000VM002		all			2013.6.26
	2T	ST2000VX000		all			2013.6.26
		ST2000DL003		all			2013.6.26
	1T	ST1000VX000		all	2014.8.11		2013.6.26
		ST31000526SV(SATAIII)		all			2013.6.26
		ST31000340SV		all			2013.6.26
		ST31000340NS		all			2013.6.26
		ST31000528AS		all			2013.6.26
	500G	ST3500410SV		all			2013.6.26
		ST3500413AS		all			2013.6.26
		ST3500630NS		all			2013.6.26
	320G	ST3320410SV		all			2013.6.26
	250G	ST3250310SV		all			2013.6.26
WD							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update

	3T	WD30EURS		all		2013.6.26
	2T	WD20EVDS		all		2013.6.26
		WD20EURS		all		2013.6.26
	1.5T	WD15EURS		all		2013.6.26
	1T	WD10EVDS		all		2013.6.26
		WD10EURS		all		2013.6.26
	500G	WD5000AVDS		all		2013.6.26

**TOSHIBA**

Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	4T	MD03ACA400V		all	2014.8.18		2016.09.26
	3T	MD03ACA300V		all	2014.8.18		2013.6.26
	3T	DT01ABA300V		all	2013.8.23		2013.6.26
	2T	MD03ACA200V		all	2014.8.18		2013.6.26
	2T	DT01ABA200V		all	2013.8.23		2013.6.26
	1T	DT01ABA100V		all	2013.8.23		2013.6.26

**Hitachi**

Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	4T	HUS724040ALA640		V3.0.1 Build 140310	2014.9.30		2013.6.26

**[DVR] DS-76 73 81 -S**

**DS-7300H(F)I-S, DS-8100HDI-S, DS-8100HFI-S, DS-7600NI-S, DS-7600HI-S**

**Seagate**

Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
4T	Seagate Video 3.5 HDD 4000GB	ST4000VM000		V3.2.2 build 111206 and newer			
3T	Seagate Video 3.5 HDD 3000GB	ST3000VM002		V3.2.2 build 111206 and newer			2013.6.26

	Seagate SV35.7™ 3000GB	ST3000VX000		V3.2.2 build 111206 and newer			2013.6.26
	Seagate SV35™ 3000GB	ST3000VX000		V3.2.2 build 111206 and newer			2013.6.26
<b>2T</b>	Seagate SV35.7™ 2000GB	ST2000VX000		V2.1 build090828 and newer			2013.6.26
	Seagate Pipeline HD™ 2000GB	ST2000VM003		all			2013.6.26
	Seagate SV35™ 2000GB	ST2000VX000		all			2013.6.26
	Seagate Pipeline 2000GB	ST2000VM002		all			2013.6.26
	Seagate SV35.5™ 2000GB	ST2000VX002(SATAIII)		all			2013.6.26
<b>1T</b>	Seagate SV35.7™ 1000GB	ST1000VX000		all			2013.6.26
	Seagate SV35™ 1000GB	ST1000VX000		all			2013.6.26
	Seagate Pipeline HD™1000GB	ST1000VM002		all			2013.6.26
	Seagate SV35.5™ 1TB	ST31000526SV(SATAIII)		all			2013.6.26
	Seagate SV35.5 1000 Gbytes	ST31000525SV		all			2013.6.26
	Seagate SV35.3 1000 Gbytes	ST31000340SV, P/N:9DM158-901		all			2013.6.26
	Seagate Barracuda ES.2 1000 Gbytes	ST31000340NS		all			2013.6.26
	Seagate Pipeline HD2 1000 Gbytes	ST31000322CS		all			2013.6.26
<b>750G</b>	Seagate SV35.2 750 Gbytes SATA (+5V +12V, 0.52A 0.72A)	ST3750640SV, P/N:9DC148-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.3 750 Gbytes	ST3750330SV, P/N:9DM156-901		all			2013.6.26
<b>500G</b>	Seagate SV35.5™ 500G	ST3500411SV(SATAIII)		all			2013.6.26
	Seagate SV35.2 500 Gbytes (+5V +12V, 0.52A 0.72A)	ST3500630SV, P/N:9DC146-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.3 500 Gbytes	ST3500320SV, P/N:9DM154-901		all			2013.6.26
	Seagate PipelineHD 500 Gbytes	ST3500321CS		all			2013.6.26

	Seagate Pipeline HD2 500 GBYTES	ST3500312CS		all			2013.6.26
	Seagate SV35.5 500 Gbytes	ST3500410SV		all			2013.6.26
	Seagate SV35.1 500 Gbytes (+5V +12V, 0.46A 0.56A)	ST3500641SV, P/N:9CS148-501, Firmware:3.01		all			2013.6.26
<b>320G</b>	Seagate SV35.2 320 Gbytes (+5V +12V, 0.72A 0.52A) SATA	ST3320620SV, P/N:9DC14G-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.4 320 Gbytes	ST3320410SV		all			2013.6.26
<b>250G</b>	Seagate SV35.1 250G SATA	ST3250824SV		all			2013.6.26
	Seagate SV35.2 250 Gbytes (+5V +12V, 0.52A 0.72A)	ST3250820SV, P/N:9DC13E-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.3 250G	ST3250310SV, P/N:9FD132-901, Firmware:3.ACC		all			2013.6.26
	Seagate SV35.5 250 Gbytes	ST3250311SV		all			2013.6.26
<b>WD</b>							
<b>Capacity</b>	<b>HDD Series</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>	<b>Update</b>
<b>3T</b>	WD30EURS WD AV-GP	WD30EURS-63SPKY0		V3.2.2 build 111206 and newer			2013.6.26
	WD30EURS WD AV-GP	WD30EURS-63R8UY0		V3.2.2 build 111206 and newer			2013.6.26
<b>2T</b>	WD20EVDS WD AV-GP	WD20EURS-63SPKY0		all			2013.6.26
	WD20EVDS WD AV-GP	WD20EVDS-63T3B0		all			2013.6.26
	WD20EURS WD AV-GP	WD20EURS-63Z9B1		all			2013.6.26
	WD20EURS WD AV-GP	WD20EURS-63S48Y0		all			2013.6.26
<b>1.5T</b>	WD15EVDS WD AV-GP	WD15EVDS-63V9B0		all			2013.6.26
	WD15EURS WD AV-GP	WD15EURS-63S48Y0		all			2013.6.26
<b>1T</b>	WD10EURX WD AV-GP	WD10EURX-63FH1Y0		all			
	WD10EVCS WD AV-GP	WD10EVCS-63ZLB0		all			2013.6.26

	WD10EVCS WD AV-GP	WD10EVCS-63E0B1		all			2013.6.26
	WD10EVVS WD AV-GP	WD10EVVS-63E1B1		all			2013.6.26
	WD10EVDS WD AV-GP	WD10EVDS-63N5B1		all			2013.6.26
	WD10EVVS WD AV-GP	WD10EVVS-63M5B0		all			2013.6.26
	WD10EURS WD AV-GP	WD10EURS-630AB1		all			2013.6.26
<b>750G</b>	WD7500AVCS WD AV-GP	WD7500AVCS-63ZLB0		all			2013.6.26
	WD7500AVCS WD AV-GP	WD7500AVCS-63E0B1		all			2013.6.26
	WD7500AVVS WD AV-GP	WD7500AVVS-63E1B1		all			2013.6.26
<b>500G</b>	WD5000AUDX WD AV-GP	WD5000AUDX-63WNHY0		all			2013.6.26
	WD5000YS WD Caviar RE2	WD5000YS-01MPB0		all			2013.6.26
	WD5000AVJS WD AV	WD5000AVJS-63YJA0		all			2013.6.26
	WD5000AVVS WD AV-GP	WD5000AVVS-63ZWB0		all			2013.6.26
	WD5000AVCS WD AV-GP	WD5000AVCS-63H1B1		all			2013.6.26
	WD5000AVVS WD AV-GP	WD5000AVVS-63H0B1		all			2013.6.26
	WD5000AVVS WD AV-GP	WD5000AVVS-63M8B0		all			2013.6.26
	WD5000AVDS WD AV-GP	WD5000AVDS-63U7B0		all			2013.6.26
	WD6400AVVS WD AV-GP	WD6400AVVS-63H0B1		all			2013.6.26
WD6400AVCS WD AV-GP	WD6400AVCS-63H1B1		all			2013.6.26	
<b>400G</b>	WD4000YS WD Caviar RE2	WD4000YS-01MPB0		all			2013.6.26
	WD4000YR WD Caviar RE2	WD4000YR-01PLB0		all			2013.6.26
<b>320G</b>	WD3200AVJS WD AV	WD3200AVJS-63WDA0		all			2013.6.26
	WD3200AVJS WD AV	WD3200AVJS-63B6A0		all			2013.6.26
	WD3200AVVS WD AV-GP	WD3200AVVS-63L2B0		all			2013.6.26
<b>250G</b>	WD2500YS WD Caviar SE16	WD2500YS-01SHB0		all			2013.6.26
	WD2500AVJS WD AV	WD2500AVJS-63WDA0		all			2013.6.26
	WD2500AVJS WD AV	WD2500AVJS-63B6A0		all			2013.6.26
	WD3200YS WD Caviar RE16	WD3200YS-01PGB0		all			2013.6.26
<b>160G</b>	WD1600YS WD Caviar RE16	WD1600YS-01SHB0		all			2013.6.26

**Hitachi**

Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
<b>500G</b>	HITACHI CinemaStar 500GB	HCP725050GLA380		all			2013.6.26

	HITACHI CinemaStar 500GB	HCS545050GLA380		all			2013.6.26
<b>SAMSUNG</b>							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	1.5T	HD154UI/CE		all			2013.6.26
	1T	HA101UJ/CE		all			2013.6.26
		HD103SI/CEC		all			2013.6.26
	750G	HA751LJ		all			2013.6.26
	500G	HA500LJ/CE		all			2013.6.26
		HD502HI/CEC		all			2013.6.26
<b>TOSHIBA</b>							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	3T	DT01ABA300V		all			2013.6.26
	2T	DT01ABA200V		all			2013.6.26
	1T	DT01ABA100V		all			2013.6.26

**[DVR] DS-72HVI-ST/SN/SE & DS-72HFI-ST/SN/SE**

<b>DS-7200HVI-ST(/SN)(/SE), DS-7200HFI-ST(/SN/SE)</b>							
<b>Seagate</b>							
Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
4T	Seagate Video 3.5 HDD 4000GB	ST4000VM000		v1.3.0 Build120312 and newer			2013.6.26
3T	Seagate Video 3.5 HDD 3000GB	ST3000VM002		v1.3.0 Build120312 and newer			2013.6.26
	Seagate SV35.7TM 3000GB	ST3000VX000		v1.3.0 Build120312 and newer			2013.6.26
2T	Seagate SV35.7TM 2000GB	ST2000VX000		all			2013.6.26
	Seagate SV35TM 2000GB	ST2000VX000		all			2013.6.26

	Seagate Pipeline 2000GB	ST2000VM002		all		2013.6.26
	Seagate SV35.5™ 2000GB	ST2000VX002(SATAIII)		all		2013.6.26
1T	Seagate SV35.7TM 1000GB	ST1000VX000		all		2013.6.26
	Seagate SV35TM 1000GB	ST1000VX000		all		2013.6.26
	Seagate Pipeline HD™1000GB	ST1000VM002		all		2013.6.26
	Seagate SV35.5™ 1TB	ST31000526SV(SATAIII)		all		2013.6.26
	Seagate SV35.5 1000 Gbytes	ST31000525SV		all		2013.6.26
	Seagate SV35.3 1000 Gbytes	ST31000340SV, P/N:9DM158-901		all		2013.6.26
	Seagate Barracuda ES.2 1000 Gbytes	ST31000340NS		all		2013.6.26
	Seagate Pipeline HD2 1000 Gbytes	ST31000322CS		all		2013.6.26
	750G	Seagate SV35.2 750 Gbytes SATA (+5V +12V, 0.52A 0.72A)	ST3750640SV, P/N:9DC148-901, Firmware:3.ACE		all	
Seagate SV35.3 750 Gbytes		ST3750330SV, P/N:9DM156-901		all		2013.6.26
500G	Seagate SV35.5™ 500G	ST3500411SV(SATAIII)		all		2013.6.26
	Seagate SV35.2 500 Gbytes (+5V +12V, 0.52A 0.72A)	ST3500630SV, P/N:9DC146-901, Firmware:3.ACE		all		2013.6.26
	Seagate SV35.3 500 Gbytes	ST3500320SV, P/N:9DM154-901		all		2013.6.26
	Seagate PipelineHD 500 Gbytes	ST3500321CS		all		2013.6.26
	Seagate Pipeline HD2 500 GBYTES	ST3500312CS		all		2013.6.26
	Seagate SV35.5 500 Gbytes	ST3500410SV		all		2013.6.26
	Seagate SV35.1 500 Gbytes (+5V +12V, 0.46A 0.56A)	ST3500641SV, P/N:9CS148-501, Firmware:3.01		all		2013.6.26
320G	Seagate SV35.2 320 Gbytes (+5V +12V, 0.72A 0.52A) SATA	ST3320620SV, P/N:9DC14G-901, Firmware:3.ACE		all		2013.6.26

	Seagate SV35.4 320 Gbytes	ST3320410SV		all			2013.6.26
250G	Seagate SV35.1 250G SATA	ST3250824SV		all			2013.6.26
	Seagate SV35.2 250 Gbytes (+5V +12V, 0.52A 0.72A)	ST3250820SV, P/N:9DC13E-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.3 250G	ST3250310SV, P/N:9FD132-901, Firmware:3.ACC		all			2013.6.26
	Seagate SV35.5 250 Gbytes	ST3250311SV		all			2013.6.26
<b>WD</b>							
Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
3T	WD30EURS WD AV-GP	WD30EURS-63SPKY0		v1.3.0 Build120312 and newer			2013.6.26
2T	WD20EURS WD AV-GP	WD20EURS-63SPKY0		v1.3.0 Build120312 and newer			2013.6.26
	WD20EVDS WD AV-GP	WD20EVDS-63T3B0		all			2013.6.26
	WD20EURS WD AV-GP	WD20EURS-63Z9B1		all			2013.6.26
	WD20EURS WD AV-GP	WD20EURS-63S48Y0		all			2013.6.26
1.5T	WD15EVDS WD AV-GP	WD15EVDS-63V9B0		all			2013.6.26
	WD15EURS WD AV-GP	WD15EURS-63S48Y0		all			2013.6.26
1T	WD10EURX WD AV-GP	WD10EURX-63FH1Y0		all			2013.6.26
	WD10EVCS WD AV-GP	WD10EVCS-63ZLB0		all			2013.6.26
	WD10EVCS WD AV-GP	WD10EVCS-63E0B1		all			2013.6.26
	WD10EVVS WD AV-GP	WD10EVVS-63E1B1		all			2013.6.26
	WD10EVDS WD AV-GP	WD10EVDS-63N5B1		all			2013.6.26
	WD10EVVS WD AV-GP	WD10EVVS-63M5B0		all			2013.6.26
	WD10EURS WD AV-GP	WD10EURS-630AB1		all			2013.6.26
750G	WD7500AVCS WD AV-GP	WD7500AVCS-63ZLB0		all			2013.6.26
	WD7500AVCS WD AV-GP	WD7500AVCS-63E0B1		all			2013.6.26
	WD7500AVVS WD AV-GP	WD7500AVVS-63E1B1		all			2013.6.26
500G	WD5000AUDX WD AV-GP	WD5000AUDX-63WNHY0		all			2013.6.26
	WD5000YS WD Caviar RE2	WD5000YS-01MPB0		all			2013.6.26



	WD5000AVJS WD AV	WD5000AVJS-63YJA0		all			2013.6.26
	WD5000AVVS WD AV-GP	WD5000AVVS-63ZWB0		all			2013.6.26
	WD5000AVCS WD AV-GP	WD5000AVCS-63H1B1		all			2013.6.26
	WD5000AVVS WD AV-GP	WD5000AVVS-63H0B1		all			2013.6.26
	WD5000AVVS WD AV-GP	WD5000AVVS-63M8B0		all			2013.6.26
	WD5000AVDS WD AV-GP	WD5000AVDS-63U7B0		all			2013.6.26
	WD6400AVVS WD AV-GP	WD6400AVVS-63H0B1		all			2013.6.26
	WD6400AVCS WD AV-GP	WD6400AVCS-63H1B1		all			2013.6.26
400G	WD4000YS WD Caviar RE2	WD4000YS-01MPB0		all			2013.6.26
	WD4000YR WD Caviar RE2	WD4000YR-01PLB0		all			2013.6.26
320G	WD3200AVJS WD AV	WD3200AVJS-63WDA0		all			2013.6.26
	WD3200AVJS WD AV	WD3200AVJS-63B6A0		all			2013.6.26
	WD3200AVVS WD AV-GP	WD3200AVVS-63L2B0		all			2013.6.26
250G	WD2500YS WD Caviar SE16	WD2500YS-01SHB0		all			2013.6.26
	WD2500AVJS WD AV	WD2500AVJS-63WDA0		all			2013.6.26
	WD2500AVJS WD AV	WD2500AVJS-63B6A0		all			2013.6.26
	WD3200YS WD Caviar RE16	WD3200YS-01PGB0		all			2013.6.26
160G	WD1600YS WD Caviar RE16	WD1600YS-01SHB0	all			2013.6.26	
<b>Hitachi</b>							
Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
500G	HITACHI CinemaStar 500GB	HCP725050GLA380		all			2013.6.26
	HITACHI CinemaStar 500GB	HCS545050GLA380		all			2013.6.26
<b>SAMSUNG</b>							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	1.5T	HD154UI/CE		all			2013.6.26
	1T	HA101UJ/CE		all			2013.6.26
		HD103SI/CEC		all			2013.6.26
	750G	HA751LJ		all			2013.6.26
	500G	HA500LJ/CE		all			2013.6.26

		HD502HI/CEC		all			2013.6.26
<b>TOSHIBA</b>							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	3T	DT01ABA300V		v1.3.0 Build120312 and newer			2013.6.26
	2T	DT01ABA200V		v1.3.0 Build120312 and newer			2013.6.26
	1T	DT01ABA100V		v1.3.0 Build120312 and newer			2013.6.26

**[DVR] DS-73HVI/HFI/HDI-ST**

DS-7300HI-ST, DS-7300HFI-ST, DS-8100HDI-ST							
Seagate							
Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
4T	Seagate Video 3.5 HDD 4000GB	ST4000VM000		all			2013.6.26
3T	Seagate Video 3.5 HDD 3000GB	ST3000VM002		all			2013.6.26
	Seagate SV35.7™ 3000GB	ST3000VX000		all			2013.6.26
	Seagate SV35™ 3000GB	ST3000VX000		all			2013.6.26
2T	Seagate SV35.7™ 2000GB	ST2000VX000		all			2013.6.26
	Seagate SV35™ 2000GB	ST2000VX000		all			2013.6.26
	Seagate Pipeline 2000GB	ST2000VM002		all			2013.6.26
	Seagate SV35.5™ 2000GB	ST2000VX002(SATAIII)		all			2013.6.26
1T	Seagate SV35.7™ 1000GB	ST1000VX000		all			2013.6.26
	Seagate SV35™ 1000GB	ST1000VX000		all			2013.6.26
	Seagate Pipeline HD™ 1000GB	ST1000VM002		all			2013.6.26
	Seagate SV35.5™ 1TB	ST31000526SV(SATAIII)		all			2013.6.26
	Seagate SV35.5 1000 Gbytes	ST31000525SV		all			2013.6.26
	Seagate SV35.3 1000 Gbytes	ST31000340SV, P/N:9DM158-901		all			2013.6.26

	Seagate Barracuda ES.2 1000 Gbytes	ST31000340NS		all			2013.6.26
	Seagate Pipeline HD2 1000 Gbytes	ST31000322CS		all			2013.6.26
<b>750G</b>	Seagate SV35.2 750 Gbytes SATA (+5V +12V, 0.52A 0.72A)	ST3750640SV, P/N:9DC148-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.3 750 Gbytes	ST3750330SV, P/N:9DM156-901		all			2013.6.26
<b>500G</b>	Seagate SV35.5™ 500G	ST3500411SV(SATAIII)		all			2013.6.26
	Seagate SV35.2 500 Gbytes (+5V +12V, 0.52A 0.72A)	ST3500630SV, P/N:9DC146-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.3 500 Gbytes	ST3500320SV, P/N:9DM154-901		all			2013.6.26
	Seagate PipelineHD 500 Gbytes	ST3500321CS		all			2013.6.26
	Seagate Pipeline HD2 500 GBYTES	ST3500312CS		all			2013.6.26
	Seagate SV35.5 500 Gbytes	ST3500410SV		all			2013.6.26
	Seagate SV35.1 500 Gbytes (+5V +12V, 0.46A 0.56A)	ST3500641SV, P/N:9CS148-501, Firmware:3.01		all			2013.6.26
<b>320G</b>	Seagate SV35.2 320 Gbytes (+5V +12V, 0.72A 0.52A) SATA	ST3320620SV, P/N:9DC14G-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.4 320 Gbytes	ST3320410SV		all			2013.6.26
<b>250G</b>	Seagate SV35.1 250G SATA	ST3250824SV		all			2013.6.26
	Seagate SV35.2 250 Gbytes (+5V +12V, 0.52A 0.72A)	ST3250820SV, P/N:9DC13E-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.3 250G	ST3250310SV, P/N:9FD132-901, Firmware:3.ACC		all			2013.6.26
	Seagate SV35.5 250 Gbytes	ST3250311SV		all			2013.6.26

WD							
Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
3T	WD30EURS WD AV-GP	WD30EURS-63SPKY0		all			2013.6.26
	WD30EURS WD AV-GP	WD30EURS-63R8UY0		all			2013.6.26
2T	WD20EURS WD AV-GP	WD20EURS-63SPKY0		all			2013.6.26
	WD20EVDS WD AV-GP	WD20EVDS-63T3B0		all			2013.6.26
	WD20EURS WD AV-GP	WD20EURS-63Z9B1		all			2013.6.26
	WD20EURS WD AV-GP	WD20EURS-63S48Y0		all			2013.6.26
1.5T	WD15EVDS WD AV-GP	WD15EVDS-63V9B0		all			2013.6.26
	WD15EURS WD AV-GP	WD15EURS-63S48Y0		all			2013.6.26
1T	WD10EURX WD AV-GP	WD10EURX-63FH1Y0		all			2013.6.26
	WD10EVCS WD AV-GP	WD10EVCS-63ZLB0		all			2013.6.26
	WD10EVCS WD AV-GP	WD10EVCS-63E0B1		all			2013.6.26
	WD10EVVS WD AV-GP	WD10EVVS-63E1B1		all			2013.6.26
	WD10EVDS WD AV-GP	WD10EVDS-63N5B1		all			2013.6.26
	WD10EVVS WD AV-GP	WD10EVVS-63M5B0		all			2013.6.26
	WD10EURS WD AV-GP	WD10EURS-630AB1		all			2013.6.26
	WD7500AVCS WD AV-GP	WD7500AVCS-63ZLB0		all			2013.6.26
750G	WD7500AVCS WD AV-GP	WD7500AVCS-63E0B1		all			2013.6.26
	WD7500AVVS WD AV-GP	WD7500AVVS-63E1B1		all			2013.6.26
	WD5000AUDX WD AV-GP	WD5000AUDX-63WNHY0		all			2013.6.26
500G	WD5000YS WD Caviar RE2	WD5000YS-01MPB0		all			2013.6.26
	WD5000AVJS WD AV	WD5000AVJS-63YJA0		all			2013.6.26
	WD5000AVVS WD AV-GP	WD5000AVVS-63ZWB0		all			2013.6.26
	WD5000AVCS WD AV-GP	WD5000AVCS-63H1B1		all			2013.6.26
	WD5000AVVS WD AV-GP	WD5000AVVS-63H0B1		all			2013.6.26
	WD5000AVVS WD AV-GP	WD5000AVVS-63M8B0		all			2013.6.26
	WD5000AVDS WD AV-GP	WD5000AVDS-63U7B0		all			2013.6.26
	WD6400AVVS WD AV-GP	WD6400AVVS-63H0B1		all			2013.6.26
	WD6400AVCS WD AV-GP	WD6400AVCS-63H1B1		all			2013.6.26
	WD6400AVCS WD AV-GP	WD6400AVCS-63H1B1		all			2013.6.26

400G	WD4000YS WD Caviar RE2	WD4000YS-01MPB0		all			2013.6.26
	WD4000YR WD Caviar RE2	WD4000YR-01PLB0		all			2013.6.26
320G	WD3200AVJS WD AV	WD3200AVJS-63WDA0		all			2013.6.26
	WD3200AVJS WD AV	WD3200AVJS-63B6A0		all			2013.6.26
	WD3200AVVS WD AV-GP	WD3200AVVS-63L2B0		all			2013.6.26
250G	WD2500YS WD Caviar SE16	WD2500YS-01SHB0		all			2013.6.26
	WD2500AVJS WD AV	WD2500AVJS-63WDA0		all			2013.6.26
	WD2500AVJS WD AV	WD2500AVJS-63B6A0		all			2013.6.26
	WD3200YS WD Caviar RE16	WD3200YS-01PGB0		all			2013.6.26
160G	WD1600YS WD Caviar RE16	WD1600YS-01SHB0		all			2013.6.26
<b>Hitachi</b>							
<b>Capacity</b>	<b>HDD Series</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>	<b>Update</b>
500G	HITACHI CinemaStar 500GB	HCP725050GLA380		all			2013.6.26
	HITACHI CinemaStar 500GB	HCS545050GLA380		all			2013.6.26
<b>SAMSUNG</b>							
<b>Capacity</b>	<b>HDD Series</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>	<b>Update</b>
1.5T	HD154UI/CE			all			2013.6.26
1T	HA101UJ/CE			all			2013.6.26
	HD103SI/CEC			all			2013.6.26
750G	HA751UJ			all			2013.6.26
500G	HA500LJ/CE			all			2013.6.26
	HD502HI/CEC			all			2013.6.26
<b>TOSHIBA</b>							
<b>Type</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>	<b>Update</b>
	3T	DT01ABA300V		all			2013.6.26
	2T	DT01ABA200V		all			2013.6.26
	1T	DT01ABA100V		all			2013.6.26

[DVR] DS-70 80 -S

DS-7000-S DS-8000-S Series							
Seagate							
Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
2T	Seagate SV35.7™ 2000GB	ST2000VX000		V2.1 build090828 and newer			2013.6.26
	Seagate Pipeline HD™ 2000GB	ST2000VM003		V2.1 build090828 and newer			2013.6.26
	Seagate SV35™ 2000GB	ST2000VX000		V2.1 build090828 and newer			2013.6.26
	Seagate Pipeline 2000GB	ST2000VM002		V2.1 build090828 and newer			2013.6.26
	Seagate SV35.5™ 2000GB	ST2000VX002(SATAIII)		V2.1 build090828 and newer			2013.6.26
1T	Seagate SV35.7™ 1000GB	ST1000VX000		all			2013.6.26
	Seagate SV35™ 1000GB	ST1000VX000		all			2013.6.26
	Seagate Pipeline HD™ 1000GB	ST1000VM002		all			2013.6.26
	Seagate SV35.5™ 1TB	ST31000526SV(SATAIII)		all			2013.6.26
	Seagate SV35.5 1000 Gbytes	ST31000525SV		V2.1 build090828 and newer			2013.6.26
	Seagate SV35.3 1000 Gbytes	ST31000340SV, P/N:9DM158-901		all			2013.6.26
	Seagate Barracuda ES.2 1000 Gbytes	ST31000340NS		all			2013.6.26
	Seagate Pipeline HD2 1000 Gbytes	ST31000322CS		all			2013.6.26
750G	Seagate SV35.2 750 Gbytes SATA (+5V +12V, 0.52A 0.72A)	ST3750640SV, P/N:9DC148-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.3 750 Gbytes	ST3750330SV, P/N:9DM156-901		all			2013.6.26
500G	Seagate SV35.5™ 500G	ST3500411SV(SATAIII)		all			2013.6.26
	Seagate SV35.2 500 Gbytes (+5V +12V, 0.52A 0.72A)	ST3500630SV, P/N:9DC146-901, Firmware:3.ACE		all			2013.6.26

	Seagate SV35.3 500 Gbytes	ST3500320SV, P/N:9DM154-901		all			2013.6.26
	Seagate PipelineHD 500 Gbytes	ST3500321CS		all			2013.6.26
	Seagate Pipeline HD2 500 Gbytes	ST3500312CS		all			2013.6.26
	Seagate SV35.5 500 Gbytes	ST3500410SV		all			2013.6.26
	Seagate SV35.1 500 Gbytes (+5V +12V, 0.46A 0.56A)	ST3500641SV, P/N:9CS148-501, Firmware:3.01		all			2013.6.26
<b>320G</b>	Seagate SV35.2 320 Gbytes (+5V +12V, 0.72A 0.52A) SATA	ST3320620SV, P/N:9DC14G-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.4 320 Gbytes	ST3320410SV		all			2013.6.26
<b>250G</b>	Seagate SV35.1 250G SATA	ST3250824SV		all			2013.6.26
	Seagate SV35.2 250 Gbytes (+5V +12V, 0.52A 0.72A)	ST3250820SV, P/N:9DC13E-901, Firmware:3.ACE		all			2013.6.26
	Seagate SV35.3 250G	ST3250310SV, P/N:9FD132-901, Firmware:3.ACC		all			2013.6.26
	Seagate SV35.5 250 Gbytes	ST3250311SV		all			2013.6.26
<b>WD</b>							
<b>Capacity</b>	<b>HDD Series</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>	<b>Update</b>
<b>2T</b>	WD20EVDS WD AV-GP	WD20EURS-63SPKY0		V2.1 build090828 and newer			2013.6.26
	WD20EVDS WD AV-GP	WD20EVDS-63T3B0		V2.1 build090828 and newer			2013.6.26
	WD20EURS WD AV-GP	WD20EURS-63Z9B1		V2.1 build090828 and newer			2013.6.26
	WD20EURS WD AV-GP	WD20EURS-63S48Y0		V2.1 build090828 and newer			2013.6.26
<b>1.5T</b>	WD15EVDS WD AV-GP	WD15EVDS-63V9B0		V2.1 build090828 and newer			2013.6.26
	WD15EURS WD AV-GP	WD15EURS-63S48Y0		V2.1 build090828 and newer			2013.6.26
<b>1T</b>	WD10EURX WD AV-GP	WD10EURX-63FH1Y0		all			2013.6.26
	WD10EVCS WD AV-GP	WD10EVCS-63ZLB0		all			2013.6.26
	WD10EVCS WD AV-GP	WD10EVCS-63E0B1		all			2013.6.26

		WD10EVVS WD AV-GP	WD10EVVS-63E1B1		all			2013.6.26
		WD10EVDS WD AV-GP	WD10EVDS-63N5B1		all			2013.6.26
		WD10EVVS WD AV-GP	WD10EVVS-63M5B0		all			2013.6.26
		WD10EURS WD AV-GP	WD10EURS-630AB1		all			2013.6.26
<b>750G</b>		WD7500AVCS WD AV-GP	WD7500AVCS-63ZLB0		all			2013.6.26
		WD7500AVCS WD AV-GP	WD7500AVCS-63E0B1		all			2013.6.26
		WD7500AVVS WD AV-GP	WD7500AVVS-63E1B1		all			2013.6.26
<b>500G</b>		WD5000AUDX WD AV-GP	WD5000AUDX-63WNHY0		all			2013.6.26
		WD5000YS WD Caviar RE2	WD5000YS-01MPB0		all			2013.6.26
		WD5000AVJS WD AV	WD5000AVJS-63YJA0		all			2013.6.26
		WD5000AVVS WD AV-GP	WD5000AVVS-63ZWBO		all			2013.6.26
		WD5000AVCS WD AV-GP	WD5000AVCS-63H1B1		all			2013.6.26
		WD5000AVVS WD AV-GP	WD5000AVVS-63H0B1		all			2013.6.26
		WD5000AVVS WD AV-GP	WD5000AVVS-63M8B0		all			2013.6.26
		WD5000AVDS WD AV-GP	WD5000AVDS-63U7B0		all			2013.6.26
		WD6400AVVS WD AV-GP	WD6400AVVS-63H0B1		all			2013.6.26
		WD6400AVCS WD AV-GP	WD6400AVCS-63H1B1		all			2013.6.26
<b>400G</b>		WD4000YS WD Caviar RE2	WD4000YS-01MPB0		all			2013.6.26
		WD4000YR WD Caviar RE2	WD4000YR-01PLB0		all			2013.6.26
<b>320G</b>		WD3200AVJS WD AV	WD3200AVJS-63WDA0		all			2013.6.26
		WD3200AVJS WD AV	WD3200AVJS-63B6A0		all			2013.6.26
		WD3200AVVS WD AV-GP	WD3200AVVS-63L2B0		all			2013.6.26
<b>250G</b>		WD2500YS WD Caviar SE16	WD2500YS-01SHB0		all			2013.6.26
		WD2500AVJS WD AV	WD2500AVJS-63WDA0		all			2013.6.26
		WD2500AVJS WD AV	WD2500AVJS-63B6A0		all			2013.6.26
		WD3200YS WD Caviar RE16	WD3200YS-01PGB0		all			2013.6.26
	<b>160G</b>	WD1600YS WD Caviar RE16	WD1600YS-01SHB0		all			2013.6.26
<b>Hitachi</b>								
<b>Capacity</b>		<b>HDD Series</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>	<b>Update</b>
<b>500G</b>		HITACHI CinemaStar 500GB	HCP725050GLA380		all			2013.6.26



	HITACHI CinemaStar 500GB	HCS545050GLA380		all			2013.6.26
<b>SAMSUNG</b>							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	1.5T	HD154UI/CE		all			2013.6.26
	1T	HA101UJ/CE		all			2013.6.26
		HD103SI/CEC		all			2013.6.26
	750G	HA751LJ		all			2013.6.26
	500G	HA500LJ/CE		all			2013.6.26
		HD502HI/CEC		all			2013.6.26
<b>TOSHIBA</b>							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	2T	DT01ABA200V		all			2013.6.26
	1T	DT01ABA100V		all			2013.6.26

**[DVR] DS-80 90 81 91HWI-ST & DS-91HFI-ST/-XT**

<b>DS-8000/9000HWI-ST,DS-8100/9100HWI-ST, DS-9100HFI-ST, DS-9100HFI-XT, DS-9100HFHI-ST</b>							
HDD Series	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	6T	ST6000VX0023		Netra (not enable raid)	2016.10.10		2013.6.26
		ST6000VX0003		Netra (not enable raid)	2016.09.26		2013.6.26
Seagate 6000GB	6T	ST6000VX0011		Only DS-9xxx Series support these HDDs	2015.6.19		2013.6.26
Seagate 6000GB		ST6000VX0001			2015.04.27		2013.6.26
Seagate 5000GB	5T	ST5000VX0011			2015.6.19		2013.6.26
Seagate 5000GB		ST5000VX0001			2015.04.27		2013.6.26
Seagate Video 3.5 HDD 4000GB	4T	ST4000VX007		Netra (not enable raid)	2016.10.10		2013.6.26
		ST4000VM000		all	2013.6.26		2013.6.26
		ST4000VX002		all	2015.6.19		2013.6.26

		ST4000VX000		all	2014.6.23		2013.6.26
Seagate Video 3.5 HDD 3000GB Seagate SV35.7™ 3000GB Seagate SV35™ 3000GB	<b>3T</b>	ST3000VX006		all	2016.4.18		2013.6.26
		ST3000VX010		Netra (not enable raid)	2016.10.10		2013.6.26
		ST3000VX005		all	2015.6.19		2013.6.26
		ST3000VX004		all	2015.6.19		2013.6.26
		ST3000VM002		all	2013.6.26		2013.6.26
		ST3000VM002		all	2014.6.23		2013.6.26
		ST3000VX000		all	2013.1.18		2013.6.26
		ST3000VX000		all	2012.3.8		2013.6.26
		ST3000NM0005		V3.4.1build151225	2017.3.15		2013.6.26
Seagate SV35.7™ 2000GB Seagate SV35™ 2000GB Seagate Pipeline 2000GB Seagate SV35.5™ 2000GB	<b>2T</b>	ST2000VX008		Netra (not enable raid)	2016.10.10		2013.6.26
		ST2000VX005		all	2015.6.19		2013.6.26
		ST2000VX004		all	2015.6.19		2013.6.26
		ST2000VX003		all	2016.4.18		2013.6.26
		ST2000VX000		all	2013.1.18		2013.6.26
		ST2000VX000		all	2012.3.8		2013.6.26
		ST2000VM002		all			2013.6.26
		ST2000VM003		all	2014.6.23		2013.6.26
		ST2000VX002(SATAIII)		all			2013.6.26
	ST2000NM0055		V3.4.1build151225	2017.3.15		2013.6.26	
Seagate SV35.7™ 1000GB Seagate SV35™ 1000GB Seagate Pipeline HD™1000GB Seagate SV35.5™ 1TB Seagate SV35.5 1000 Gbytes Seagate SV35.3 1000 Gbytes Seagate Barracuda ES.2 1000 Gbytes Seagate Pipeline HD2 1000 Gbytes	<b>1T</b>	ST1000VX005		Netra (not enable raid)	2016.10.10		2013.6.26
		ST1000VX003		all	2015.6.19		2013.6.26
		ST1000VX002		all	2015.6.19		2013.6.26
		ST1000VX001		all	2016.4.18		2013.6.26
		ST1000VX000		all	2013.1.18		2013.6.26
		ST1000VX000		all	2012.3.8		2013.6.26
		ST1000VM002		all			2013.6.26
		ST1000VM002		all	2014.6.23		2013.6.26
		ST31000526SV(SATAIII)		all			2013.6.26
		ST31000525SV		all			2013.6.26
	ST31000340SV, P/N:9DM158-901		all			2013.6.26	

		ST31000340NS		all		2013.6.26
		ST31000322CS		all		2013.6.26
		ST1000NM0055		V3.4.1build151225	2017.3.15	2013.6.26
Seagate SV35.2 750 Gbytes SATA (+5V +12V, 0.52A 0.72A) Seagate SV35.3 750 Gbytes	<b>750G</b>	ST3750640SV, P/N:9DC148-901, Firmware:3.ACE		all		2013.6.26
		ST3750330SV, P/N:9DM156-901		all		2013.6.26
Seagate SV35.5™ 500G Seagate SV35.2 500 Gbytes (+5V +12V, 0.52A 0.72A) Seagate SV35.3 500 Gbytes Seagate PipelineHD 500 Gbytes Seagate Pipeline HD2 500 GBYTES Seagate SV35.5 500 Gbytes Seagate SV35.1 500 Gbytes (+5V +12V, 0.46A 0.56A)	<b>500G</b>	ST3500411SV(SATAIII)		all		2013.6.26
		ST3500630SV, P/N:9DC146-901, Firmware:3.ACE		all		2013.6.26
		ST3500320SV, P/N:9DM154-901		all		2013.6.26
		ST3500321CS		all		2013.6.26
		ST3500312CS		all		2013.6.26
		ST3500410SV		all		2013.6.26
		ST3500641SV, P/N:9CS148-501, Firmware:3.01		all		2013.6.26
Seagate SV35.2 320 Gbytes (+5V +12V, 0.72A 0.52A) SATA Seagate SV35.4 320 Gbytes	<b>320G</b>	ST3320620SV, P/N:9DC14G-901, Firmware:3.ACE		all		2013.6.26
		ST3320410SV		All		2013.6.26
Seagate SV35.1 250G SATA Seagate SV35.2 250 Gbytes (+5V +12V, 0.52A 0.72A) Seagate SV35.3 250G Seagate SV35.5 250 Gbytes	<b>250G</b>	ST3250824SV		All		2013.6.26
		ST3250820SV, P/N:9DC13E-901, Firmware:3.ACE		All		2013.6.26
		ST3250310SV, P/N:9FD132-901, Firmware:3.ACC		All		2013.6.26

		ST3250311SV		All			2013.6.26	
HDD Series	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update	
WD60PURX-64LZMY0	6T	WD60PURX-64LZMY0		Only DS-9xxx Series support these HDDs.	2015.1.29		2013.6.26	
WD60PURX-78LZMY0	6T	WD60PURX-78LZMY0			2015.1.29		2013.6.26	
WD60EJRX	6T	WD60EJRX					2013.6.26	
WD60PURZ	6T	WD60PURZ					2013.6.26	
WD50PURX-64LZMY0	5T	WD50PURX-64LZMY0				2015.1.29		2013.6.26
WD50PURX-78LZMY0	5T	WD50PURX-78LZMY0				2015.1.29		2013.6.26
WD40PURX WD AV	4T	WD40PURX			WD40EURX-64WRWY0	all	2014.4.7	
WD40PURX WD AV	4T	WD40EJRX					2013.6.26	
WD40PURX WD AV	4T	WD40PURZ					2013.6.26	
WD30PURX WD AV	3T	WD30PURX	WD30EURX-63TOFY0	all	2014.1.21		2013.6.26	
WD30PURX WD AV	3T	WD30EJRX	WD30EURX-64HZY0	all	2014.1.21		2013.6.26	
WD30PURX WD AV	3T	WD30PURZ	WD30EURX-78TOFY0 WD30EURS-63SPKY0 WD30EURS-63R8UY0	all	2014.1.21		2013.6.26	
WD20PURX WD AV	2T	WD20PURX	WD20EURX-63TOFY0	all				
WD20PURX WD AV	2T	WD20EJRX	WD20EURX-64HZY0	all			2013.6.26	
WD20PURX WD AV	2T	WD20PURZ	WD20EURX-78TOFY0 WD20EURS-63SPKY0	all	2014.4.7		2013.6.26	

			WD20EVDS-63T3B0 WD20EURS-63Z9B1 WD20EURS-63S48Y0				
WD15EVDS WD AV-GP	1.5T	WD15EVDS-63V9B0		all			2013.6.26
WD15EURS WD AV-GP	1.5T	WD15EURS-63S48Y0		all			2013.6.26
WD10PURX WD AV	1T	WD10PURX-64D85Y0	WD10EURX-63FH1Y0	all	2014.4.7		2013.6.26
WD10PURX WD AV	1T	WD10PURX	WD10EVCS-63ZLB0	all			2013.6.26
WD10PURX WD AV	1T	WD10EJRX	WD10EVCS-63E0B1 WD10EVVS-63E1B1 WD10EVDS-63N5B1 WD10EVVS-63M5B0 WD10EURS-630AB1	all			2013.6.26
WD10PURX WD AV	1T	WD10PURZ					
WD7500AVCS WD AV-GP	750G	WD7500AVCS-63ZLB0		all			2013.6.26
WD7500AVCS WD AV-GP	750G	WD7500AVCS-63E0B1		all			2013.6.26
WD7500AVVS WD AV-GP	750G	WD7500AVVS-63E1B1		all			2013.6.26
	500G	WD05PURZ-85U8XY0		all	2015.6.30		2013.6.26
WD5000AUDX WD AV-GP	500G	WD5000AUDX-63WNHY0		all	2012.4.1		2013.6.26
WD5000YS WD Caviar RE2	500G	WD5000YS-01MPB0		all			2013.6.26
WD5000AVJS WD AV	500G	WD5000AVJS-63YJAO		all			2013.6.26
WD5000AVVS WD AV-GP	500G	WD5000AVVS-63ZWB0		all			2013.6.26

WD5000AVCS WD AV-GP	<b>500G</b>	WD5000AVCS-63H1B1			all			2013.6.26
WD5000AVVS WD AV-GP	<b>500G</b>	WD5000AVVS-63H0B1			all			2013.6.26
WD5000AVVS WD AV-GP	<b>500G</b>	WD5000AVVS-63M8B0			all			2013.6.26
WD5000AVDS WD AV-GP	<b>500G</b>	WD5000AVDS-63U7B0			all			2013.6.26
WD6400AVVS WD AV-GP	<b>500G</b>	WD6400AVVS-63H0B1			all			2013.6.26
WD6400AVCS WD AV-GP	<b>500G</b>	WD6400AVCS-63H1B1			all			2013.6.26
WD4000YS WD Caviar RE2	<b>400G</b>	WD4000YS-01MPB0			all			2013.6.26
WD4000YR WD Caviar RE2	<b>400G</b>	WD4000YR-01PLB0			all			2013.6.26
WD3200AVJS WD AV	<b>320G</b>	WD3200AVJS-63WDA0			all			2013.6.26
WD3200AVJS WD AV	<b>320G</b>	WD3200AVJS-63B6A0			all			2013.6.26
WD3200AVVS WD AV-GP	<b>320G</b>	WD3200AVVS-63L2B0			all			2013.6.26
WD2500YS WD Caviar SE16	<b>250G</b>	WD2500YS-01SHB0			all			2013.6.26
WD2500AVJS WD AV	<b>250G</b>	WD2500AVJS-63WDA0			all			2013.6.26
WD2500AVJS WD AV	<b>250G</b>	WD2500AVJS-63B6A0			all			2013.6.26
WD3200YS WD Caviar RE16	<b>250G</b>	WD3200YS-01PGB0			all			2013.6.26
WD1600YS WD Caviar RE16	<b>160G</b>	WD1600YS-01SHB0			all			2013.6.26

#### Hitachi

HDD Series	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
HITACHI CinemaStar 500GB	<b>500G</b>	HCP725050GLA380		all			2013.6.26
HITACHI CinemaStar 500GB		HCS545050GLA380		all			2013.6.26

#### SAMSUNG

Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
<b>1.5T</b>		HD154UI/CE		all			2013.6.26
<b>1T</b>		HA101UJ/CE		all			2013.6.26
		HD103SI/CEC		all			2013.6.26
<b>750G</b>		HA751LJ		all			2013.6.26

500G		HA500LJ/CE		all			2013.6.26
		HD502HI/CEC		all			2013.6.26
<b>TOSHIBA</b>							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	6T	MG04ACA600E		Supported on DS-9600NI-ST , DS-9600NI-XT, DS-8600NI-ST, (RAID)	2016.09.26		2013.6.26
	5T	MD04ABA500V		all	2014.12.30		2013.6.26
	4T	MD04ABA400V		all	2014.12.30		2013.6.26
		MD03ACA400V		all	2014.8.18		2013.6.26
	3T	MD03ACA300V		all	2014.8.18		2013.6.26
	3T	DT01ABA300V		all	2013.8.23		2013.6.26
	2T	MD03ACA200V		all	2014.8.18		2013.6.26
	2T	DT01ABA200V		all	2013.8.23		2013.6.26
	1T	DT01ABA100V		all	2013.8.23		2013.6.26
<b>Hitachi</b>							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	4T	HUS724040ALA640		V3.0.1 Build 140310	2014.9.30		2013.6.26

**[DVR] DS-90 91H(F)I-RT**

DS-9000HFI-RT, DS-9100HFI-RT, DS-9500NI-RT, DS-9600NI-RT,									
HDD Compatible List for Netra Raid DVR/NVR V3.1.4 V3.2.0 V3.3.4 V3.4.1									
Test Firmware: V3.1.4 build140729, V3.1.4 build140806, V3.2.0, V3.3.4 V3.4.1									
HDD Type	Capacity (TB)	HDD Model	Old Model	Compatibility with Hardware Raid Model(-RT Model)	Compatibility with Software Raid Model(-XT -ST Model)	Test Notes	Update time	RV	Update
Enterprise	6	HUS726T6TALE6L4	WD6002FRYZ-01WD5B0	Compatible	Compatible	V3.4.1build151225			

Enterprise	4	HUS726T4TALE6L4	WD4002FYYZ-01B7CB0	Compatible	Compatible	V3.4.1build151225			
	6	WD60PURX	WD6NPURX	Not Verified	Compatible	V3.3.4 build 150616			
	6	ST6000VN0011		Compatible	Compatible	Add in 2015.6.19			
Enterprise	6	ST6000VN0001		Compatible	Compatible	Verified in firmware V3.2.0			
Enterprise	6	HUS726060ALA640		Compatible	Compatible	Verified in firmware V3.2.0			
Enterprise	2	HUS722T2TALA604	WD2000F9YZ WD2004FBYZ-01YCBBO	Compatible	Compatible	Verified in firmware V3.1.4 build140729			
Enterprise	3	HUS726T4TALE6L4	WD3000F9YZ	Compatible	Compatible	Verified in firmware V3.1.4 build140729			
Enterprise	4	HUS726T4TALE6L4	WD4000F9YZ	Compatible	Compatible	Verified in firmware V3.1.4 build140729			
	4	WD40PURX	WD4NPURX	Not Verified	Compatible	V3.3.4 build 150616			



	2	ST2000VN001		Compatible	Compatible	Add in 2015.6.19			
NAS HDD	2	ST2000VN000		Compatible	Compatible	Verified in firmware V3.1.4 build140729			
NAS HDD	3	ST3000VN000		Compatible	Compatible	Verified in firmware V3.1.4 build140729			

**HDD Compatible List for Netra Raid DVR/NVR V3.1**

Hardware Raid Version: 1955

Test Firmware: V3.1.0 build 140113, V3.1.0 build 140314

HDD Type	Capacity (TB)	HDD Model	Old Model	Compatibility with Hardware Raid Model (-RT Model)	Compatibility with Software Raid Model(DS-9600NI-XT)	Notes	Update time	RV	Update
Enterprise	4	HUS726T4TALE6L4	WD4000F9YZ	Compatible	Compatible	N/A			
Enterprise	3	HUS726T4TALE6L4	WD3000F9YZ	Compatible	Compatible	N/A			
Enterprise	4	HUS726T4TALE6L4	WD4000FYYZ	Compatible	Compatible	N/A			
Enterprise	3	HUS726T4TALE6L4	WD3000FYYZ	Compatible	Compatible	N/A			
Enterprise	2	HUS722T2TALA604	WD2003FYYS	Compatible	Compatible	N/A			
Enterprise	2	HUS722T2TALA604	WD2000FYYZ	Compatible	Compatible	N/A			
Surveillance	3	WD30EURS	WD30EURS	Not Recommended	Compatible	N/A			
Surveillance	3	WD30EURX	WD30EURX	Not Recommended	Compatible	N/A			
Surveillance	2	WD20EURS	WD20EURS	Not Recommended	Compatible	N/A			
Surveillance	2	WD20EURX	WD20EURX	Not Recommended	Compatible	N/A			
Enterprise	3	ST3000NC002		Compatible	Compatible	N/A			
Enterprise	2	ST2000NC001		Compatible	Compatible	N/A			

Enterprise	4	ST4000NM0033		Compatible	Compatible	N/A			
Enterprise	3	ST3000NM0033		Compatible	Compatible	N/A			
Enterprise	2	ST2000NM0033		Compatible	Compatible	N/A			
Enterprise	1	ST1000NM0033		Compatible	Compatible	N/A			
Enterprise	1	ST1000NM0011		Not tested	Compatible	N/A			
Enterprise	3	ST33000650NS		Compatible	Compatible	N/A			
Enterprise	2	ST32000645NS		Compatible	Compatible	N/A			
Enterprise	4	ST4000NM0024		Compatible	Compatible	N/A			
Enterprise	6	ST6000NM0024		Compatible	Compatible	N/A			
Surveillance	4	ST4000VX000		Not Recommended	Compatible	N/A			
Surveillance	3	ST3000VX000		Not Recommended	Compatible	N/A			
Surveillance	2	ST2000VX000		Not Recommended	Compatible	N/A			
Enterprise	4	HGST HMS5C4040BLE640		Compatible	Compatible	N/A			
Enterprise	4	HMS5C4040BLE640		Compatible	Compatible	N/A			
Server	2	MG03ACA200		Compatible	Compatible	N/A			
Server	3	MG03ACA300		Compatible	Compatible	N/A			
Server	4	MG03ACA400		Compatible	Compatible	N/A			
Server	2	MD03ACA200V		Compatible	Compatible	N/A			
Server	3	MD03ACA300V		Compatible	Compatible	N/A			
Server	4	MD03ACA400V		Compatible	Compatible	N/A			

**HDD Compatible List for Netra Raid DVR/NVR V3.0**

Hardware Raid Version: 1951

Test Firmware: V3.0.0build130722

HDD Type	Capacity (TB)	HDD Model	Old Model	Compatibility with Hardware Raid Model(-RT DVR/NVR)	Compatibility with Software Raid Model(DS-9600NI-XT)	Notes	Update time	RV	Update
----------	---------------	-----------	-----------	---	--	-------	-------------	----	--------

Enterprise	4	HUS726T4TALE6L4	WD4000FYYZ	Compatible	Compatible	N/A			
Enterprise	3		WD3000FYYZ	Compatible	Compatible	N/A			
Enterprise	2	HUS722T2TALA604	WD2003FYYS	Compatible	Compatible	N/A			
Enterprise	2	HUS722T2TALA604	WD2002FYPS	Compatible	Compatible	N/A			
Enterprise	2	HUS722T2TALA604	WD2000FYYZ	Compatible	Compatible	N/A			
Enterprise	1	HUS722T1TALA604	WD1003FBYX	Compatible	Incompatible	During the software raid test, Raid 10 is not detected, HDD reading and writing speed is slow.			
Enterprise	4	ST4000NM0033		Compatible	Compatible	N/A			
Enterprise	3	ST3000NM0033		Compatible	Compatible	N/A			
Enterprise	2	ST2000NM0033		Compatible	Compatible	N/A			
Enterprise	2	ST2000NM0011		Incompatible	Compatible	During the hardware raid test, the raid array may fail after rebooting device.			
Enterprise	1	ST1000NM0033		Compatible	Compatible	N/A			
Enterprise	1	ST1000NM0011		Compatible	Compatible	N/A			
Enterprise	3	ST33000650NS		Incompatible	Compatible	During the hardware raid test, the raid array may fail after rebooting device.			
Enterprise	2	ST32000645NS		Compatible	Compatible	N/A			

Enterprise	2	ST32000644NS		Compatible	Compatible	N/A			
Enterprise	1	ST31000524NS		Compatible	Incompatible	During the software raid test, the raid array may fail.			
Enterprise	4	HUS726T4TALE6L4	HUS724040ALA640	Compatible	Compatible	N/A			
Enterprise	3		HUS724030ALA640	Compatible	Compatible	N/A			
Enterprise	2	HUS722T2TALA604	HUS724020ALA640	Compatible	Compatible	N/A			
Enterprise	2	HUS722T2TALA604	HUS724020ALA640	Incompatible	Compatible	During the hardware raid test, the raid array may fail after rebooting device.			

## [DVR] DS-91 -S/SH & DS-90 -S/SH

DS-9100HD(F)I-S, DS-9100HFI-SH, DS-9000HFI-S, DS-9000HFI-SH, DS-9600NI-SH

### Seagate

Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
4T	Seagate Video 3.5 HDD 4000GB	ST4000VM000		v1.2.0			
3T	Seagate Video 3.5 HDD 3000GB	ST3000VM002		v1.2.0			
	Seagate SV35.7™ 3000GB	ST3000VX000		v1.2.0			
2T	Seagate SV35.7™ 3000GB	ST3000VX000		v1.2.0			
	Seagate SV35.7™ 2000GB	ST2000VX000		all			
	Seagate SV35™ 2000GB	ST2000VX000		all			
	Seagate Pipeline 2000GB	ST2000VM002		all			
1T	Seagate SV35.5™ 2000GB	ST2000VX002(SATAIII)		all			
	Seagate SV35.7™ 1000GB	ST1000VX000		all			
	Seagate SV35™ 1000GB	ST1000VX000		all			

	Seagate Pipeline HD™1000GB	ST1000VM002		all			
	Seagate SV35.5™ 1TB	ST31000526SV(SATAIII)		all			
	Seagate SV35.5 1000 Gbytes	ST31000525SV		all			
	Seagate SV35.3 1000 Gbytes	ST31000340SV, P/N:9DM158-901		all			
	Seagate Barracuda ES.2 1000 Gbytes	ST31000340NS		all			
	Seagate Pipeline HD2 1000 Gbytes	ST31000322CS		all			
<b>750G</b>	Seagate SV35.2 750 Gbytes SATA (+5V +12V, 0.52A 0.72A)	ST3750640SV, P/N:9DC148-901, Firmware:3.ACE		all			
	Seagate SV35.3 750 Gbytes	ST3750330SV, P/N:9DM156-901		all			
<b>500G</b>	Seagate SV35.5™ 500G	ST3500411SV(SATAIII)		all			
	Seagate SV35.2 500 Gbytes (+5V +12V, 0.52A 0.72A)	ST3500630SV, P/N:9DC146-901, Firmware:3.ACE		all			
	Seagate SV35.3 500 Gbytes	ST3500320SV, P/N:9DM154-901		all			
	Seagate PipelineHD 500 Gbytes	ST3500321CS		all			
	Seagate Pipeline HD2 500 GBYTES	ST3500312CS		all			
	Seagate SV35.5 500 Gbytes	ST3500410SV		all			
	Seagate SV35.1 500 Gbytes (+5V +12V, 0.46A 0.56A)	ST3500641SV, P/N:9CS148-501, Firmware:3.01		all			
<b>320G</b>	Seagate Pipeline HD 320 Gbytes	ST3320310CS		all			
	Seagate SV35.2 320 Gbytes (+5V +12V, 0.72A 0.52A) SATA	ST3320620SV, P/N:9DC14G-901, Firmware:3.ACE		all			
	Seagate SV35.4 320 Gbytes	ST3320410SV		all			
<b>250G</b>	Seagate SV35.1 250G SATA	ST3250824SV		all			

	Seagate SV35.2 250 Gbytes (+5V +12V, 0.52A 0.72A)	ST3250820SV, P/N:9DC13E-901, Firmware:3.ACE		all			
	Seagate SV35.3 250G	ST3250310SV, P/N:9FD132-901, Firmware:3.ACC		all			
	Seagate SV35.5 250 Gbytes	ST3250311SV		all			
<b>WD</b>							
Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
<b>3T</b>	WD30EURS WD AV-GP	WD30EURS-63SPKY0		Only 9000 series			
	WD30EURS WD AV-GP	WD30EURS-63R8UY0		Only 9000 series			
<b>2T</b>	WD20EURS WD AV-GP	WD20EURS-63SPKY0		all			
	WD20EVDS WD AV-GP	WD20EVDS-63T3B0		all			
	WD20EURS WD AV-GP	WD20EURS-63Z9B1		all			
	WD20EURS WD AV-GP	WD20EURS-63S48Y0		all			
<b>1.5T</b>	WD15EVDS WD AV-GP	WD15EVDS-63V9B0		all			
	WD15EURS WD AV-GP	WD15EURS-63S48Y0		all			
<b>1T</b>	WD10EURX WD AV-GP	WD10EURX-63FH1Y0		all			
	WD10EVCS WD AV-GP	WD10EVCS-63ZLB0		all			
	WD10EVCS WD AV-GP	WD10EVCS-63E0B1		all			
	WD10EVVS WD AV-GP	WD10EVVS-63E1B1		all			
	WD10EVDS WD AV-GP	WD10EVDS-63N5B1		all			
	WD10EVVS WD AV-GP	WD10EVVS-63M5B0		all			
	WD10EURS WD AV-GP	WD10EURS-630AB1		all			
<b>750G</b>	WD7500AVCS WD AV-GP	WD7500AVCS-63ZLB0		all			
	WD7500AVCS WD AV-GP	WD7500AVCS-63E0B1		all			
	WD7500AVVS WD AV-GP	WD7500AVVS-63E1B1		all			
<b>500G</b>	WD5000AUDX WD AV-GP	WD5000AUDX-63WNHY0		all			
	WD5000YS WD Caviar RE2	WD5000YS-01MPB0		all			
	WD5000AVJS WD AV	WD5000AVJS-63YJA0		all			

	WD5000AVVS WD AV-GP	WD5000AVVS-63ZWBO		all			
	WD5000AVCS WD AV-GP	WD5000AVCS-63H1B1		all			
	WD5000AVVS WD AV-GP	WD5000AVVS-63H0B1		all			
	WD5000AVVS WD AV-GP	WD5000AVVS-63M8B0		all			
	WD5000AVDS WD AV-GP	WD5000AVDS-63U7B0		all			
	WD6400AVVS WD AV-GP	WD6400AVVS-63H0B1		all			
	WD6400AVCS WD AV-GP	WD6400AVCS-63H1B1		all			
<b>400G</b>	WD4000YS WD Caviar RE2	WD4000YS-01MPB0		all			
	WD4000YR WD Caviar RE2	WD4000YR-01PLB0		all			
<b>320G</b>	WD3200AVJS WD AV	WD3200AVJS-63WDA0		all			
	WD3200AVJS WD AV	WD3200AVJS-63B6A0		all			
	WD3200AVVS WD AV-GP	WD3200AVVS-63L2B0		all			
<b>250G</b>	WD2500YS WD Caviar SE16	WD2500YS-01SHB0		all			
	WD2500AVJS WD AV	WD2500AVJS-63WDA0		all			
	WD2500AVJS WD AV	WD2500AVJS-63B6A0		all			
	WD3200YS WD Caviar RE16	WD3200YS-01PGB0		all			
<b>160G</b>	WD1600YS WD Caviar RE16	WD1600YS-01SHB0		all			

**Seagate**

Capacity	HDD Series	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
<b>500G</b>	HITACHI CinemaStar 500GB	HCP725050GLA380		all			
	HITACHI CinemaStar 500GB	HCS545050GLA380		all			

**SAMSUNG**

Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	<b>1.5T</b>	HD154UI/CE		all			
	<b>1T</b>	HA101UJ/CE		all			
		HD103SI/CEC		all			
	<b>750G</b>	HA751LJ		all			
	<b>500G</b>	HA500LJ/CE		all			

		HD502HI/CEC		all			
<b>TOSHIBA</b>							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	3T	DT01ABA300V		all			
	2T	DT01ABA200V		all			
	1T	DT01ABA100V		all			

**[DVR] DS-9664NI-RH**

<b>DS-9664NI-RH</b>							
<b>Compatible List (Raid Enabled)</b>							
<b>Seagate</b>							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	3T	ST3000VX000		all			
		ST33000651AS		all			
	2T	ST2000VM002		all			
		ST2000DL003		all			
	1T	ST1000VX000		all			
		ST31000525SV		all			
		ST31000340NS		all			
<b>WD</b>							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	3T	WD30EURS-63R8UY0		all			
<b>Compatible List (Raid Disabled)</b>							
<b>Seagate</b>							



Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	3T	ST3000VX000		all			
		ST33000651AS		all			
	2T	ST2000VM002		all			
		ST2000DL003		all			
	1T	ST31000528AS		all			
		ST1000VX000		all			
		ST31000340NS		all			
		ST31000525SV		all			
	500G	ST3500411SV		all			
		ST3500413AS		all			

**WD**

Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	3T	WD30EURS-63R8UY0		all			
	2T	WD20EVDS-63T3B0		all			
	1.5T	WD15EVDS-63V9B0		all			
	1T	WD1002FBYS-02A6B		all			
		WD10EVVS-63E1B1		all			
	640G	WD6400AVVS-63H0B		all			

**Hitachi**

Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	3T	HUS724030ALA640		V2.1.1 Build 130724			
	2T	HUS724020ALA640		V2.1.1 Build 130724			

**[DVR] DS-90 91 96N(F)I-RH**

DS-9000HFI-RH, DS-9100HFI-RH, DS-9600NI-RH

Seagate							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	3T	ST33000650NS(SATA III)		all			2013.6.26
	2T	ST2000NM0011(SATA III)		all			2013.6.26
	1T	ST1000NM0011(SATA III)		all			2013.6.26
	500G	ST500NM0011(SATA III)		all			2013.6.26
WD							
Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV	Update
	1T	WD1003FBYX		all			2013.6.26
	500G	WD5003ABYX		all			2013.6.26

## [NVR] iDS-96000NXI-I

iDS-96064NXI-I16(B)    iDS-96128NXI-I16(B)    iDS-96128NXI-I24(B) iDS-96064NXI-I16    iDS-96128NXI-I16    iDS-96128NXI-I24							
<b>Note: the hard disks used for RAID must be enterprise-class or support RV sensors.</b>							
<b>Y: support RV      N: not support RV</b>							
WD							
Type	Capacity	Model	Old Model	Firmware version	RV	Update	
Enterprise	10T	HUH721010ALE600		V4.1.0 Build170915	Y	2018.02.28	
Enterprise	10T	WD101KRYZ-01JPDB0		V4.1.0 Build170915	Y	2019.02.13	
Enterprise	8T	HUS728T8TALE6L4		V4.1.20 build180108	Y	2019.02.13	
Enterprise	8T	WD8002FRYZ-01FF2B0		V3.6.0 Build160719	Y	2019.02.13	
Enterprise	6T	HUS726T6TALE6L4		V4.1.20 build180108	Y	2019.01.16	
Enterprise	6T	WD6002FRYZ-01WD5B0		V3.6.0 Build160719	Y	2019.01.16	
Enterprise	4T	HUS726T4TALA6L4		V4.1.20 build180108	Y	2019.01.16	
Enterprise	4T	WD4002FYYZ-01B7CB0		V3.6.0 Build160719	Y	2017.3.15	
Enterprise	2T	WD2005FBYZ-01YCBBO		V3.6.0 Build160719	Y	2017.3.15	

Enterprise	2T	HUS722T2TALA604		V3.6.0 Build160719	Y	2017.3.15
Surveillance	10T	WD101PURX-78K8LY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD101PURX-64K8LY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD102PURX-78WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD102PURX-64WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD101PURA-64B5KY0		V4.1.0 Build170915	Y	2021.08.18
Surveillance	10T	DS102HKAI-78WCLY0		V4.1.0 Build170915	Y	2021.08.18
Surveillance	10T	WD102HKAI-78WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	WD81PURX-78U9SY0		V3.6.0 Build160719	Y	2017.3.15
Surveillance	8T	WD81PURX-64U9SY0		V3.6.0 Build160720	Y	2017.3.15
Surveillance	8T	WD82PURX-78GVLY0		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	WD82PURX-64GVLY0		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	WD8001PURA-64B6VY0		V4.1.0 Build170915	Y	2021.08.18
Surveillance	8T	WD82HKAI-78GVLY0		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	DS82HKAI-78GVLY0		V4.1.0 Build170915	Y	2021.08.18
Surveillance	8T	WD84HKVS-78B4HY0		V4.1.27 build 200103	Y	2021.2.8
Surveillance	8T	WD84PURZ-85B4HY0		V4.1.27 build 200103	Y	2021.2.8
Surveillance	6T	WD62PURX-78B2MY0		V4.1.27 build 200103	Y	2021.2.8
Surveillance	6T	WD62PURZ-85B2MY0		V4.1.27 build 20010	Y	2021.2.8
Surveillance	6T	WD60PURX-78WY0Y1		V3.6.0 Build160719	Y	2017.3.15
Surveillance	6T	WD60PURX-64WY0Y1		V3.6.0 Build160719	Y	2017.3.15
Surveillance	6T	WD63HKVS-78BFHY0		V4.60.000 build 211107		2021.12.15
Surveillance	6T	WD63PURU-64BFY0		V4.60.000 build 211107		2021.12.15
Surveillance	6T	WD63PURU-78BFY0		V4.60.000 build 211107		2021.12.15
Surveillance	4T	WD40PURX-64N96Y0		V3.6.0 Build160719	Y	2017.3.15
Surveillance	4T	WD40PURX-78NZ6Y0		V3.6.0 Build160719	Y	2017.3.15
Surveillance	4T	WD42HKVS-78BFKY0		V4.60.000 build 211107		2021.12.15
Surveillance	4T	WD42PURU-64BFGY0		V4.60.000 build 211107		2021.12.15
Surveillance	4T	WD42PURU-78BFGY0		V4.60.000 build 211107		2021.12.15
Surveillance	3T	WD30PURX-78P6ZY0		V3.6.0 Build160719	N	2017.3.15
Surveillance	3T	WD30PURX-78PFUY0		V3.6.0 Build160719	N	2017.3.15
Surveillance	3T	WD30PURX-64PFUY0		V3.6.0 Build160719	N	2017.3.15

Surveillance	2T	WD20PURX-78P6ZY0		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	WD20PURX-64PFUY0		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	WD20PURX-78PFUY0		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	WD22HKVS-78BELY0		V4.60.000 build 211107		2021.12.15
Surveillance	2T	WD22PURU-64BEJY0		V4.60.000 build 211107		2021.12.15
Surveillance	2T	WD22PURU-78BEJY0		V4.60.000 build 211107		2021.12.15
Surveillance	1T	WD10PURX-64KC9Y0		V3.6.0 Build160719	N	2017.3.15
Surveillance	1T	WD10PURX-78KC9Y0		V3.6.0 Build160719	N	2017.3.15
Surveillance	1T	WD10PURX-78E5EY0		V3.6.0 Build160719	N	2017.3.15
<b>Seagate</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	10T	ST10000NM001G		V4.1.0 Build170915	Y	2019.02.13
Enterprise	10T	ST10000NM0016		V4.1.0 Build170915	Y	2019.02.13
Enterprise	8T	ST8000NM000A		V4.1.20 build180108	Y	2019.02.13
Enterprise	8T	ST8000NM0055		V3.6.0 Build160719	Y	2019.02.13
Enterprise	6T	ST6000NM021A		V3.6.0 Build160719	Y	2019.02.13
Enterprise	6T	ST6000NM0115		V3.6.0 Build160719	Y	2017.3.15
Enterprise	4T	ST4000NM000A		V3.6.0 Build160719	Y	2017.3.15
Enterprise	4T	ST4000NM002A		V3.6.0 Build160719	Y	2017.3.15
Enterprise	3T	ST3000NM000A		V3.6.0 Build160719	Y	2017.3.15
Enterprise	2T	ST2000NM000A		V3.6.0 Build160719	Y	2017.3.15
Enterprise	2T	ST2000NM0125		V3.6.0 Build160719	Y	2017.3.15
Enterprise	1T	ST1000NM000A		V3.6.0 Build160719	Y	2017.3.15
Enterprise	1T	ST1000NM0055		V3.6.0 Build160719	Y	2019.02.13
AI	10T	ST10000VE0018		V4.1.0 Build170915	Y	2021.2.8
AI	10T	ST10000VE0008		V4.1.0 Build170915	Y	2019.02.13
AI	10T	ST10000VE0004		V4.1.0 Build170915	Y	2019.02.13
AI	10T	ST10000VE000		V4.40.915,Build 210511	Y	2021.08.18
AI	10T	ST10000VE001		V4.40.915,Build 210511		2022.05.18
AI	10T	ST10000HKAI002		V4.40.915,Build 210511	Y	2021.08.18
AI	10T	ST10000VE0014		V4.1.0 Build170915	Y	2021.2.8
AI	8T	ST8000VE0004		V4.1.0 Build170915	Y	2019.02.13

AI	8T	ST8000VE000		V4.1.0 Build170915	Y	2019.02.13
AI	8T	ST8000VE000		V4.40.915,Build 210511		2021.08.18
AI	8T	ST8000VE001		V4.40.915,Build 210511		2022.05.18
AI	8T	ST8000VE000A		V4.1.0 Build170915	Y	2021.2.8
AI	8T	ST8000HKAI000		V4.1.0 Build170915		2021.08.18
AI	6T	ST6000VE000		V4.1.0 Build170915	Y	2019.02.13
AI	6T	ST6000HKAI000		V4.40.915,Build 210511		2021.08.18
AI	6T	ST6000VE001		V4.1.0 Build170915	Y	2019.02.13
AI	4T	ST4000VE001		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	ST10000VX0008		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	ST10000VX0004		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	ST8000VX004		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	ST8000VX0022		V3.6.0 Build160719	Y	2017.3.15
Surveillance	8T	ST8000VX0002		V3.6.0 Build160719	Y	2017.3.15
Surveillance	8T	ST8000VX009		V4.60.000 build 211107		2022.05.18
Surveillance	8T	ST8000VX010		V4.60.000 build 211107		2022.05.18
Surveillance	6T	ST6000VX004		V3.6.0 Build160719	Y	2017.3.15
Surveillance	6T	ST6000VX0023		V3.6.0 Build160719	Y	2017.3.15
Surveillance	6T	ST6000VX0003		V3.6.0 Build160719	Y	2017.3.15
Surveillance	6T	ST6000VX008		V4.60.000 build 211107		2022.05.18
Surveillance	6T	ST6000VX009		V4.60.000 build 211107		2022.05.18
Surveillance	4T	ST4000VX007		V3.6.0 Build160719	Y	2017.3.15
Surveillance	4T	ST4000VX015		V4.40.915,Build 210511		2021.08.18
Surveillance	4T	ST4000VX016		V4.40.506 build 201218		2022.05.18
Surveillance	4T	ST4000VX000		V3.6.0 Build160719	Y	2017.3.15
Surveillance	3T	ST3000VX014		V4.60.000,Build 210930		2021.12.15
Surveillance	3T	ST3000VX015		V4.60.000,Build 210930		2022.05.18
Surveillance	3T	ST3000VX010		V3.6.0 Build160719	N	2017.3.15
Surveillance	3T	ST3000VX006		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	ST2000VX003		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	ST2000VX008		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	ST2000VX016		V4.60.000 build 211107		2022.05.18

Surveillance	2T	ST2000VX017		V4.60.000 build 211107		2022.05.18
Surveillance	1T	ST1000VX001		V3.6.0 Build160719	N	2017.3.15
Surveillance	1T	ST1000VX005		V3.6.0 Build160719	N	2017.3.15
<b>TOSHIBA</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
AI	8T	MG08ADA800E		V4.40.915,Build 210511		2021.08.18
Surveillance	10T	MD06ACA10TV		V3.6.0 Build160719	N	2017.3.15
Surveillance	10T	HDWT31AUZSVA		V3.6.0 Build160719		2021.08.18
Surveillance	8T	MD06ACA800V		V3.6.0 Build160719	N	2017.3.15
Surveillance	8T	HDWT380UZSVA		V3.6.0 Build160719		2021.08.18
Surveillance	6T	MD06ACA600V		V3.6.0 Build160719	N	2017.3.15
Surveillance	6T	MD06ACA600V		V4.1.0 Build170915		2021.08.18
Surveillance	6T	HDWT360UZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	6T	DT02ABA600VH		V4.40.910 build 210315		2021.08.18
Surveillance	4T	DT02ABA400VH		V4.40.910 build 210315		2021.08.18

## [NVR] DS-96000NI-I

**DS-96128NI-I16(/H)、DS-96256NI-I16(/H)**

**DS-96128NI-I24(/H)、DS-96256NI-I24(/H)**

**DS-96064NI-I16**

**Note: the hard disks used for RAID must be enterprise-class or support RV sensors.**

**Y: support RV      N: not support RV**

### WD

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	10T	HUH721010ALE600		V4.1.0 Build170915	Y	2018.02.28
Enterprise	10T	WD101KRYZ-01JPDB0		V4.1.0 Build170915	Y	2019.02.13
Enterprise	8T	HUS728T8TALE6L4		V4.1.20 build180108	Y	2019.02.13
Enterprise	8T	WD8002FRYZ-01FF2B0		V3.6.0 Build160719	Y	2019.02.13
Enterprise	6T	HUS726T6TALE6L4		V4.1.20 build180108	Y	2019.01.16
Enterprise	6T	WD6002FRYZ-01WD5B0		V3.6.0 Build160719	Y	2019.01.16

Enterprise	4T	HUS726T4TALA6L4		V4.1.20 build180108	Y	2019.01.16
Enterprise	4T	WD4002FYYZ-01B7CB0		V3.6.0 Build160719	Y	2017.3.15
Enterprise	2T	WD2005FBYZ-01YCBBO		V3.6.0 Build160719	Y	2017.3.15
Enterprise	2T	HUS722T2TALA604		V3.6.0 Build160719	Y	2017.3.15
Surveillance	10T	WD101PURX-78K8LY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD101PURX-64K8LY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD102PURX-78WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD102PURX-64WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD101PURA-64B5KY0		V4.1.0 Build170915		2021.08.18
Surveillance	10T	DS102HKAI-78WCLY0		V4.1.0 Build170915		2021.08.18
Surveillance	10T	WD102HKAI-78WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	WD81PURX-78U9SY0		V3.6.0 Build160719	Y	2017.3.15
Surveillance	8T	WD81PURX-64U9SY0		V3.6.0 Build160720	Y	2017.3.15
Surveillance	8T	WD82PURX-78GVLY0		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	WD82PURX-64GVLY0		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	WD8001PURA-64B6VY0		V4.1.0 Build170915		2021.08.18
Surveillance	8T	WD82HKAI-78GVLY0		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	DS82HKAI-78GVLY0		V4.1.0 Build170915		2021.08.18
Surveillance	8T	WD84HKVS-78B4HY0		V4.1.66 build 200103	Y	2021.2.8
Surveillance	8T	WD84PURZ-85B4HY0		V4.1.66 build 200103	Y	2021.2.8
Surveillance	6T	WD62PURX-78B2MY0		V4.1.66 build 200103	Y	2021.2.8
Surveillance	6T	WD62PURZ-85B2MY0		V4.1.66 build 200103	Y	2021.2.8
Surveillance	6T	WD60PURX-78WY0Y1		V3.6.0 Build160719	Y	2017.3.15
Surveillance	6T	WD60PURX-64WY0Y1		V3.6.0 Build160719	Y	2017.3.15
Surveillance	6T	WD63HKVS-78BFHY0		V4.40.506 build 201218		2021.12.15
Surveillance	6T	WD63PURU-64BFY0		V4.40.506 build 201218		2021.12.15
Surveillance	6T	WD63PURU-78BFY0		V4.40.506 build 201218		2021.12.15
Surveillance	4T	WD40PURX-64N96Y0		V3.6.0 Build160719	Y	2017.3.15
Surveillance	4T	WD40PURX-78NZ6Y0		V3.6.0 Build160719	Y	2017.3.15
Surveillance	4T	WD42HKVS-78BFKY0		V4.40.506 build 201218		2021.12.15
Surveillance	4T	WD42PURU-64BFGY0		V4.40.506 build 201218		2021.12.15
Surveillance	4T	WD42PURU-78BFGY0		V4.40.506 build 201218		2021.12.15

Surveillance	3T	WD30PURX-78P6ZY0		V3.6.0 Build160719	N	2017.3.15
Surveillance	3T	WD30PURX-78PFUY0		V3.6.0 Build160719	N	2017.3.15
Surveillance	3T	WD30PURX-64PFUY0		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	WD20PURX-78P6ZY0		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	WD20PURX-64PFUY0		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	WD20PURX-78PFUY0		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	WD22HKVS-78BELY0		V4.40.506 build 201218		2021.12.15
Surveillance	2T	WD22PURU-64BEJY0		V4.40.506 build 201218		2021.12.15
Surveillance	2T	WD22PURU-78BEJY0		V4.40.506 build 201218		2021.12.15
Surveillance	1T	WD10PURX-64KC9Y0		V3.6.0 Build160719	N	2017.3.15
Surveillance	1T	WD10PURX-78KC9Y0		V3.6.0 Build160719	N	2017.3.15
Surveillance	1T	WD10PURX-78E5EY0		V3.6.0 Build160719	N	2017.3.15
<b>Seagate</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	10T	ST10000NM001G		V4.1.0 Build170915	Y	2019.02.13
Enterprise	10T	ST10000NM0016		V4.1.0 Build170915	Y	2019.02.13
Enterprise	8T	ST8000NM000A		V4.1.20 build180108	Y	2019.02.13
Enterprise	8T	ST8000NM0055		V3.6.0 Build160719	Y	2019.02.13
Enterprise	6T	ST6000NM021A		V3.6.0 Build160719	Y	2019.02.13
Enterprise	6T	ST6000NM0115		V3.6.0 Build160719	Y	2017.3.15
Enterprise	4T	ST4000NM000A		V3.6.0 Build160719	Y	2017.3.15
Enterprise	4T	ST4000NM002A		V3.6.0 Build160719	Y	2017.3.15
Enterprise	3T	ST3000NM000A		V3.6.0 Build160719	Y	2017.3.15
Enterprise	2T	ST2000NM000A		V3.6.0 Build160719	Y	2017.3.15
Enterprise	2T	ST2000NM0125		V3.6.0 Build160719	Y	2017.3.15
Enterprise	1T	ST1000NM000A		V3.6.0 Build160719	Y	2017.3.15
Enterprise	1T	ST1000NM0055		V3.6.0 Build160719	Y	2019.02.13
AI	10T	ST10000VE0018		V4.1.0 Build170915	Y	2021.2.8
AI	10T	ST10000VE0008		V4.1.0 Build170915	Y	2019.02.13
AI	10T	ST10000VE0004		V4.1.0 Build170915	Y	2019.02.13
AI	10T	ST10000VE000		V4.40.506 build 201218		2021.08.18
AI	10T	ST10000VE001		V4.40.506 build 201218		2022.05.18



AI	10T	ST10000HKAI002		V4.40.506 build 201218		2021.08.18
AI	10T	ST10000VE0014		V4.1.0 Build170915	Y	2021.2.8
AI	8T	ST8000VE0004		V4.1.0 Build170915	Y	2019.02.13
AI	8T	ST8000VE000		V4.1.0 Build170915	Y	2019.02.13
AI	8T	ST8000VE000		V4.40.506 build 201218		2021.08.18
AI	8T	ST8000VE001		V4.40.506 build 201218		2022.05.18
AI	8T	ST8000VE000A		V4.1.0 Build170915	Y	2021.2.8
AI	8T	ST8000HKAI000		V4.1.0 Build170915		2021.08.18
AI	6T	ST6000VE000		V4.1.0 Build170915	Y	2019.02.13
AI	6T	ST6000HKAI000		V4.40.506 build 201218		2021.08.18
AI	6T	ST6000VE001		V4.1.0 Build170915	Y	2019.02.13
AI	4T	ST4000VE001		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	ST10000VX0008		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	ST10000VX0004		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	ST8000VX004		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	ST8000VX0022		V3.6.0 Build160719	Y	2017.3.15
Surveillance	8T	ST8000VX002		V4.40.506 build 201218		2021.08.18
Surveillance	8T	ST8000VX008		V4.40.506 build 201218		2022.05.18
Surveillance	8T	ST8000VX0002		V3.6.0 Build160719	Y	2017.3.15
Surveillance	8T	ST8000VX009		V4.40.506 build 201218		2022.05.18
Surveillance	8T	ST8000VX010		V4.40.506 build 201218		2022.05.18
Surveillance	6T	ST6000VX004		V3.6.0 Build160719	Y	2017.3.15
Surveillance	6T	ST6000VX001		V3.6.0 Build160719	Y	2017.3.15
Surveillance	6T	ST6000VX0023		V3.6.0 Build160719	Y	2017.3.15
Surveillance	6T	ST6000VX011		V4.40.506 build 201218		2021.08.18
Surveillance	6T	ST6000VX010		V4.40.506 build 201218		2022.05.18
Surveillance	6T	ST6000VX0003		V3.6.0 Build160719	Y	2017.3.15
Surveillance	6T	ST6000VX008		V4.40.506 build 201218		2022.05.18
Surveillance	6T	ST6000VX009		V4.40.506 build 201218		2022.05.18
Surveillance	4T	ST4000VX013		V3.6.0 Build160719	N/A	2020.11.16
Surveillance	4T	ST4000VX005		V3.6.0 Build160719	Y	2017.3.15
Surveillance	4T	ST4000HKVS001		V4.1.20 build 180108		2021.08.18

Surveillance	4T	ST4000VX007		V3.6.0 Build160719	Y	2017.3.15
Surveillance	4T	ST4000VX015		V4.40.506 build 201218		2021.08.18
Surveillance	4T	ST4000VX016		V4.40.506 build 201218		2022.05.18
Surveillance	4T	ST4000VX000		V3.6.0 Build160719	Y	2017.3.15
Surveillance	3T	ST3000VX014		V4.40.506 build 201218		2021.12.15
Surveillance	3T	ST3000VX015		V4.40.506 build 201218		2022.05.18
Surveillance	3T	ST3000VX009		V3.6.0 Build160719	N	2017.3.15
Surveillance	3T	ST3000VX010		V3.6.0 Build160719	N	2017.3.15
Surveillance	3T	ST3000VX006		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	ST2000VX003		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	ST2000VX008		V3.6.0 Build160719	N	2017.3.15
Surveillance	2T	ST2000VX012		V4.1.20 build 180108	N	2017.3.15
Surveillance	2T	ST2000VX015		V4.1.20 build 180108	N/A	2020.11.16
Surveillance	2T	ST2000HKVS001		V4.1.20 build 180108		2021.08.18
Surveillance	2T	ST2000VX016		V4.40.506 build 201218		2022.05.18
Surveillance	2T	ST2000VX017		V4.40.506 build 201218		2022.05.18
Surveillance	1T	ST1000VX001		V3.6.0 Build160719	N	2017.3.15
Surveillance	1T	ST1000VX005		V3.6.0 Build160719	N	2017.3.15
<b>TOSHIBA</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	MG06ACA800E		V4.1.11 build 171204	N/A	2020.11.16
Enterprise	6T	MG04ACA600E		V3.4.2 Build160205	N/A	2020.11.16
AI	8T	MG08ADA800E		V4.40.506 build 201218		2021.08.18
Surveillance	10T	MD06ACA10TV		V4.1.0 Build170915	N/A	2017.3.15
Surveillance	10T	HDWT31AUZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	8T	MD06ACA800V		V4.1.0 Build170915	N/A	2017.3.15
Surveillance	8T	HDWT380UZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	6T	MD06ACA600V		V4.1.0 Build170915	N/A	2017.3.15
Surveillance	6T	HDWT360UZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	6T	DT02ABA600VH		V4.1.66 build 200103		2021.08.18
Surveillance	4T	DT02ABA400VH		V4.1.66 build 200103		2021.08.18

## [NVR] iDS-77 86 88 96NXI-I

iDS-7700NXI-I4/16S(B)、iDS-7700NXI-I4/16P/16S(B)

iDS-7700NXI-I4/X(B)、iDS-7700NXI-I4/16P/X(B)

iDS-9600NXI-I8/16S(B)、iDS-9600NXI-I16/16S(B)

iDS-9600NXI-I8/X(B)、iDS-9600NXI-I16/X(B)

iDS-9600NXI-I8/8F(B)、iDS-9600NXI-I16/8F(B)

iDS-9600NXI-I8/BA

DS-7600NXI-I2/S、DS-7600NXI-I2/8P/S、DS-7600NXI-I2/16P/S

DS-7700NXI-I4/S、DS-7700NXI-I4/16P/S

DS-7800NXI-I2/S、DS-7800NXI-I2/8P/S、DS-7800NXI-I2/16P/S

DS-7916NXI-I4/S、DS-7916NXI-I4/16P/S

**Note: the hard disks used for RAID must be enterprise-class or support RV sensors.**

Y: support RV

N: not support RV

### WD

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	10T	WD101KRYZ-01JPDB0		V4.1.0 Build170915	Y	2019.02.13
Enterprise	10T	WD101KRYZ-31JPDB0		V4.1.0 Build170915	Y	2019.02.13
Enterprise	10T	HUH721010ALE600		V4.1.0 Build170915	Y	2019.02.13
Enterprise	10T	HKS721010ALE-31		V4.1.0 Build170915	Y	2019.02.13
Enterprise	8T	HUS728T8TALE6L4		V4.1.20 build180108	Y	2019.02.13
Enterprise	8T	HKS728T8TALA-31		V4.1.20 build180108	Y	2019.02.13
Enterprise	8T	WD8002FRYZ-01FF2B0		V3.4.2 Build160205	Y	2019.02.13
Enterprise	8T	WD8002FRYZ-31FF2B0		V3.4.2 Build160205	Y	2019.02.13
Enterprise	6T	WD6002FRYZ-01WD5B0		V3.4.2 Build160205	Y	2017.3.15
Enterprise	6T	WD6002FRYZ-31WD5B0		V3.4.2 Build160205	Y	2017.3.15
Enterprise	6T	HUS726T6TALE6L4		V4.1.20 build180108	Y	2017.3.15
Enterprise	6T	HKS726T6TALA-31		V4.1.20 build180108	Y	2017.3.15
Enterprise	4T	HUS726T4TALA6L4		V4.1.20 build180108	Y	2017.3.15
Enterprise	4T	HKS726T4TALA-31		V4.1.20 build180108	Y	2017.3.15

Enterprise	4T	WD4002FYYZ-01B7CB0		V3.4.2 Build160205	Y	2017.3.15
Enterprise	4T	WD4002FYYZ-31B7CB0		V3.4.2 Build160205	Y	2017.3.15
Enterprise	2T	HUS722T2TALA604		V4.1.20 build180108	Y	2017.3.15
Enterprise	2T	WD2005FBYZ-01YCBBO		V3.3.5 Build150717	Y	2017.3.15
Enterprise	2T	WD2004FBYZ-31YCBBO		V3.3.5 Build150717	Y	2017.3.15
Surveillance	10T	WD101PURX-78K8LY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD101PURX-64K8LY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD102PURX-78WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD102PURX-64WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD101PURA-64B5KY0		V4.1.0 Build170915		2021.08.18
Surveillance	10T	DS102HKAI-78WCLY0		V4.1.0 Build170915		2021.08.18
Surveillance	10T	WD102HKAI-78WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	WD81PURX-78U9SY0		V3.4.2 Build160205	Y	2019.02.13
Surveillance	8T	WD81PURX-64U9SY0		V3.4.2 Build160205	Y	2019.02.13
Surveillance	8T	WD82PURX-78GVLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	WD82PURX-64GVLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	WD8001PURA-64B6VY0		V4.1.0 Build170915		2021.08.18
Surveillance	8T	WD82HKAI-78GVLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	DS82HKAI-78GVLY0		V4.1.0 Build170915		2021.08.18
Surveillance	8T	WD84HKVS-78B4HY0		V4.40.405 build 201112	Y	2021.2.8
Surveillance	8T	WD84PURZ-85B4HY0		V4.40.405 build 201112	Y	2021.2.8
Surveillance	6T	WD62PURX-78B2MY0		V4.40.405 build 201112	Y	2021.2.8
Surveillance	6T	WD62PURZ-85B2MY0		V4.40.405 build 201112	Y	2021.2.8
Surveillance	6T	WD60PURX-78WY0Y1		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	WD60PURX-64WY0Y1		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	WD63HKVS-78BFHY0		V4.60.000 build 211107		2021.12.15
Surveillance	6T	WD63PURU-64BFY0		V4.60.000 build 211107		2021.12.15
Surveillance	6T	WD63PURU-78BFY0		V4.60.000 build 211107		2021.12.15
Surveillance	4T	WD40PURX-64N9GY0		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	WD40PURX-78NZ6Y0		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	WD42HKVS-78BFKY0		V4.60.000 build 211107		2021.12.15
Surveillance	4T	WD42PURU-64BFGY0		V4.60.000 build 211107		2021.12.15

Surveillance	4T	WD42PURU-78BFGY0		V4.60.000 build 211107		2021.12.15
Surveillance	3T	WD30PURX-78P6ZY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	3T	WD30PURX-78PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	3T	WD30PURX-64PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD20PURX-78P6ZY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD20PURX-64PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD20PURX-78PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD22HKVS-78BELY0		V4.60.000 build 211107		2021.12.15
Surveillance	2T	WD22PURU-64BEJY0		V4.60.000 build 211107		2021.12.15
Surveillance	2T	WD22PURU-78BEJY0		V4.60.000 build 211107		2021.12.15
Surveillance	1T	WD10PURX-64KC9Y0		V3.3.5 Build150717	N	2017.3.15
Surveillance	1T	WD10PURX-78KC9Y0		V3.3.5 Build150717	N	2017.3.15
Surveillance	1T	WD10PURX-78E5EY0		V3.3.5 Build150717	N	2017.3.15
<b>Seagate</b>						
<b>Type</b>	<b>Capacity</b>	<b>Model</b>	<b>Old Model</b>	<b>Firmware version</b>	<b>RV</b>	<b>Update</b>
Enterprise	10T	ST10000NM001G		V4.1.0 Build170915	Y	2019.02.13
Enterprise	10T	ST10000NM0016		V4.1.0 Build170915	Y	2019.02.13
Enterprise	8T	ST8000NM000A		V4.1.20 build180108	Y	2019.02.13
Enterprise	8T	ST8000NM0055		V3.3.5 Build150717	Y	2019.02.13
Enterprise	6T	ST6000NM021A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	6T	ST6000NM0115		V3.3.5 Build150717	Y	2017.3.15
Enterprise	4T	ST4000NM000A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	4T	ST4000NM002A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	3T	ST3000NM000A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	2T	ST2000NM000A		V3.4.2 Build160205	Y	2017.3.15
Enterprise	2T	ST2000NM0125		V3.4.2 Build160205	Y	2017.3.15
Enterprise	1T	ST1000NM000A		V3.4.2 Build160205	Y	2017.3.15
Enterprise	1T	ST1000NM0055		V3.4.2 Build160205	Y	2017.3.15
AI	10T	ST10000VE0018		V4.1.0 Build170915	Y	2021.2.8
AI	10T	ST10000VE0008		V4.1.0 Build170915	Y	2019.02.13
AI	10T	ST10000VE0004		V4.1.0 Build170915	Y	2019.02.13
AI	10T	ST10000VE000		V4.51.000,Build 210414		2021.08.18

AI	10T	ST10000VE001		V4.51.000,Build 210414		2022.05.18
AI	10T	ST10000VE0014		V4.1.0 Build170915	Y	2021.2.8
AI	10T	ST10000HKAI002		V4.51.000,Build 210414		2021.08.18
AI	8T	ST8000VE0004		V4.1.0 Build170915	Y	2019.02.13
AI	8T	ST8000VE000		V4.1.0 Build170915	Y	2019.02.13
AI	8T	ST8000VE000		V4.51.000,Build 210414		2021.08.18
AI	8T	ST8000VE001		V4.51.000,Build 210414		2022.05.18
AI	8T	ST8000VE000A		V4.1.0 Build170915	Y	2021.2.8
AI	8T	ST8000HKAI000		V4.1.0 Build170915		2021.08.18
AI	6T	ST6000VE000		V4.1.0 Build170915	Y	2017.3.15
AI	6T	ST6000HKAI000		V4.51.000,Build 210414		2021.08.18
AI	6T	ST6000VE001		V4.1.0 Build170915	Y	2017.3.15
AI	4T	ST4000VE001		V4.1.0 Build170915	Y	2017.3.15
Surveillance	10T	ST10000VX0008		V4.1.0 Build170915	Y	2017.3.15
Surveillance	10T	ST10000VX0004		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	ST8000VX004		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	ST8000VX0022		V3.3.5 Build150717	Y	2017.3.15
Surveillance	8T	ST8000VX0002		V3.3.5 Build150717	Y	2017.3.15
Surveillance	8T	ST8000VX009		V4.60.000 build 211107		2022.05.18
Surveillance	8T	ST8000VX010		V4.60.000 build 211107		2022.05.18
Surveillance	6T	ST6000VX004		V3.4.4 Build170522	Y	2017.3.15
Surveillance	6T	ST6000VX0023		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	ST6000VX0003		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	ST6000VX008		V4.60.000 build 211107		2022.05.18
Surveillance	6T	ST6000VX009		V4.60.000 build 211107		2022.05.18
Surveillance	4T	ST4000VX007		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	ST4000VX015		V4.51.000,Build 210414		2021.08.18
Surveillance	4T	ST4000VX016		V4.51.000,Build 210414		2022.05.18
Surveillance	4T	ST4000VX000		V3.4.2 Build160205	Y	2017.3.15
Surveillance	3T	ST3000VX014		V4.60.000,Build 210930		2021.12.15
Surveillance	3T	ST3000VX015		V4.60.000,Build 210930		2022.05.18
Surveillance	3T	ST3000VX010		V3.4.4 Build170522	N	2017.3.15

Surveillance	3T	ST3000VX006		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	ST2000VX003		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	ST2000VX008		V3.3.7 Build151102	N	2017.3.15
Surveillance	2T	ST2000VX016		V4.60.000 build 211107		2022.05.18
Surveillance	2T	ST2000VX017		V4.60.000 build 211107		2022.05.18
Surveillance	1T	ST1000VX001		V3.3.7 Build151030	N	2017.3.15
Surveillance	1T	ST1000VX005		V3.3.7 Build151102	N	2017.3.15

#### TOSHIBA

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	MG06ACA800E		V4.1.11 build 171204	Y	2020.11.16
Enterprise	6T	MG04ACA600E		V3.4.2 Build160205	Y	2020.11.16
AI	8T	MG08ADA800E		V4.51.000,Build 210414		2021.08.18
Surveillance	10T	MD06ACA10TV		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	HDWT31AUZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	8T	MD06ACA800V		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	HDWT380UZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	6T	MD06ACA600V		V4.1.0 Build170915	Y	2017.3.15
Surveillance	6T	HDWT360UZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	6T	DT02ABA600VH		V4.40.720 build 210311		2021.08.18
Surveillance	4T	DT02ABA400VH		V4.40.720 build 210311		2021.08.18

## [NVR] DS-76 77 86 96NI-I

DS-7600NI-I2

DS-7700NI-I4

DS-8600NI-I8、DS-9600NI-I8

DS-8600NI-I16、DS-9600NI-I16

1. Note: the hard disks used for RAID must be enterprise-class or support RV sensors.

Y: support RV

N: not support RV

WD

Type	Capacity	Model	Old Model	Firmware version	RV	Update
------	----------	-------	-----------	------------------	----	--------

Enterprise	10T	WD101KRYZ-01JPDB0		V4.1.0 Build170915	Y	2019.02.13
Enterprise	10T	WD101KRYZ-31JPDB0		V4.1.0 Build170915	Y	2019.02.13
Enterprise	10T	HUH721010ALE600		V4.1.0 Build170915	Y	2019.02.13
Enterprise	10T	HKS721010ALE-31		V4.1.0 Build170915	Y	2019.02.13
Enterprise	8T	HUS728T8TALE6L4		V4.1.20 build180108	Y	2019.02.13
Enterprise	8T	HKS728T8TALA-31		V4.1.20 build180108	Y	2019.02.13
Enterprise	8T	WD8002FRYZ-01FF2B0		V3.4.2 Build160205	Y	2019.02.13
Enterprise	8T	WD8002FRYZ-31FF2B0		V3.4.2 Build160205	Y	2019.02.13
Enterprise	6T	WD6002FRYZ-01WD5B0		V3.4.2 Build160205	Y	2017.3.15
Enterprise	6T	WD6002FRYZ-31WD5B0		V3.4.2 Build160205	Y	2017.3.15
Enterprise	6T	HUS726T6TALE6L4		V4.1.20 build180108	Y	2017.3.15
Enterprise	6T	HKS726T6TALA-31		V4.1.20 build180108	Y	2017.3.15
Enterprise	4T	HUS726T4TALA6L4		V4.1.20 build180108	Y	2017.3.15
Enterprise	4T	HKS726T4TALA-31		V4.1.20 build180108	Y	2017.3.15
Enterprise	4T	WD4002FYYZ-01B7CB0		V3.4.2 Build160205	Y	2017.3.15
Enterprise	4T	WD4002FYYZ-31B7CB0		V3.4.2 Build160205	Y	2017.3.15
Enterprise	2T	HUS722T2TALA604		V4.1.20 build180108	Y	2017.3.15
Enterprise	2T	WD2005FBYZ-01YCBBO		V3.3.5 Build150717	Y	2017.3.15
Enterprise	2T	WD2004FBYZ-31YCBBO		V3.3.5 Build150717	Y	2017.3.15
AI	10T	WD102HKAI-78		V4.1.20 build180108	Y	2020.9.1
AI	8T	WD82HKAI-78		V4.1.20 build180108	Y	2020.9.1
AI	6T	WD60HKAI-78		V4.1.20 build180108	Y	2020.9.1
AI	4T	WD40HKAI-78		V4.1.20 build180108	Y	2020.9.1
Surveillance	10T	WD101PURX-78K8LY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD101PURX-64K8LY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD102PURX-78WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD102PURX-64WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	WD101PURA-64B5KY0		V4.1.0 Build170915		2021.08.18
Surveillance	10T	DS102HKAI-78WCLY0		V4.1.0 Build170915		2021.08.18
Surveillance	10T	WD102HKAI-78WCLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	WD81PURX-78U9SY0		V3.4.2 Build160205	Y	2019.02.13
Surveillance	8T	WD81PURX-64U9SY0		V3.4.2 Build160205	Y	2019.02.13



Surveillance	8T	WD82PURX-78GVLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	WD82PURX-64GVLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	WD8001PURA-64B6VY0		V4.1.0 Build170915		2021.08.18
Surveillance	8T	WD82HKAI-78GVLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	DS82HKAI-78GVLY0		V4.1.0 Build170915		2021.08.18
Surveillance	8T	WD84HKVS-78B4HY0		V4.40.016 build 200803		2021.2.8
Surveillance	8T	WD84PURZ-85B4HY0		V4.40.016 build 200803		2021.2.8
Surveillance	6T	WD62PURX-78B2MY0		V4.40.016 build 200803		2021.2.8
Surveillance	6T	WD62PURZ-85B2MY0		V4.40.016 build 200803		2021.2.8
Surveillance	6T	WD61PURX-78AUSY0		V4.40.015 build 200616	N/A	2020.11.16
Surveillance	6T	WD60PURX-78WY0Y1		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	WD60PURX-64WY0Y1		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	WD61PURX-78ESZY0		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	WD63HKVS-78BFHY0		V4.51.000 build 210622		2021.12.15
Surveillance	6T	WD63PURU-64BFY0		V4.51.000 build 210622		2021.12.15
Surveillance	6T	WD63PURU-78BFY0		V4.51.000 build 210622		2021.12.15
Surveillance	4T	WD40PURX-78AKYY0		V4.40.015 build 200616	N/A	2020.11.16
Surveillance	4T	WD40PURX-64AKYY0		V4.40.015 build 200616	N/A	2020.11.16
Surveillance	4T	WD41HKVS-78AUTY0		V4.40.015 build 200616	N/A	2020.11.16
Surveillance	4T	WD40PURX-64N96Y0		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	WD40PURX-78NZ6Y0		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	WD41PURX-78U8AY0		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	WD42HKVS-78BFKY0		V4.51.000 build 210622		2021.12.15
Surveillance	4T	WD42PURU-64BFGY0		V4.51.000 build 210622		2021.12.15
Surveillance	4T	WD42PURU-78BFGY0		V4.51.000 build 210622		2021.12.15
Surveillance	3T	WD30PURX-78AKYY0		V4.40.015 build 200616	N/A	2020.11.16
Surveillance	3T	WD30PURX-64AKYY0		V4.40.015 build 200616	N/A	2020.11.16
Surveillance	3T	WD30PURX-78P6ZY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	3T	WD30PURX-78PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	3T	WD30PURX-64PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD20PURX-78AKYY0		V4.40.015 build 200616	N/A	2020.11.16
Surveillance	2T	WD20PURX-64AKYY0		V4.40.015 build 200616	N/A	2020.11.16

Surveillance	2T	WD21HKVS-78AUUY0		V4.40.015 build 200616	N/A	2020.11.16
Surveillance	2T	WD20PURX-78P6ZY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD20PURX-64PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD20PURX-78PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD21PURX-78EH2Y0		V4.40.015 build 200616	N	2017.3.15
Surveillance	2T	WD22HKVS-78BELY0		V4.51.000 build 210622		2021.12.15
Surveillance	2T	WD22PURU-64BEJY0		V4.51.000 build 210622		2021.12.15
Surveillance	2T	WD22PURU-78BEJY0		V4.51.000 build 210622		2021.12.15
Surveillance	1T	WD10PURX-64KC9Y0		V3.3.5 Build150717	N	2017.3.15
Surveillance	1T	WD10PURX-78KC9Y0		V3.3.5 Build150717	N	2017.3.15
Surveillance	1T	WD10PURX-78E5EY0		V3.3.5 Build150717	N	2017.3.15

### Seagate

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	10T	ST10000NM001G		V4.1.0 Build170915	Y	2019.02.13
Enterprise	10T	ST10000NM0016		V4.1.0 Build170915	Y	2019.02.13
Enterprise	8T	ST8000NM000A		V4.1.20 build180108	Y	2019.02.13
Enterprise	8T	ST8000NM0055		V3.3.5 Build150717	Y	2019.02.13
Enterprise	6T	ST6000NM021A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	6T	ST6000NM0115		V3.3.5 Build150717	Y	2017.3.15
Enterprise	4T	ST4000NM000A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	4T	ST4000NM002A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	3T	ST3000NM000A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	2T	ST2000NM000A		V3.4.2 Build160205	Y	2017.3.15
Enterprise	2T	ST2000NM0125		V3.4.2 Build160205	Y	2017.3.15
Enterprise	1T	ST1000NM000A		V3.4.2 Build160205	Y	2017.3.15
Enterprise	1T	ST1000NM0055		V3.4.2 Build160205	Y	2017.3.15
AI	10T	ST10000VE0018		V4.1.0 Build170915	Y	2021.2.8
AI	10T	ST10000VE0008		V4.1.0 Build170915	Y	2019.02.13
AI	10T	ST10000VE0004		V4.1.0 Build170915	Y	2019.02.13
AI	10T	ST10000VE000		V4.40.016 build 200803		2021.08.18
AI	10T	ST10000VE001		V4.40.016 build 200803		2022.05.18
AI	10T	ST10000HKAI002		V4.40.016 build 200803		2021.08.18

AI	10T	ST10000VE0014		V4.1.0 Build170915	Y	2021.2.8
AI	8T	ST8000VE0004		V4.1.0 Build170915	Y	2019.02.13
AI	8T	ST8000VE000		V4.1.0 Build170915	Y	2019.02.13
AI	8T	ST8000VE000		V4.50.010 build 210322		2021.08.18
AI	8T	ST8000VE001		V4.50.010 build 210322		2022.05.18
AI	8T	ST8000VE000A		V4.1.0 Build170915	Y	2021.2.8
AI	8T	ST8000HKAI000		V4.1.0 Build170915		2021.08.18
AI	6T	ST6000VE000		V4.1.0 Build170915	Y	2017.3.15
AI	6T	ST6000HKAI000		V4.40.016 build 200803		2021.08.18
AI	6T	ST6000VE001		V4.1.0 Build170915	Y	2017.3.15
AI	4T	ST4000VE001		V4.1.0 Build170915	Y	2017.3.15
Surveillance	10T	ST10000VX0008		V4.1.0 Build170915	Y	2017.3.15
Surveillance	10T	ST10000VX0004		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	ST8000VX004		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	ST8000VX0022		V3.3.5 Build150717	Y	2017.3.15
Surveillance	8T	ST8000VX002		V4.40.016 build 200803		2021.08.18
Surveillance	8T	ST8000VX008		V4.40.016 build 200810		2022.05.18
Surveillance	8T	ST8000VX0002		V3.3.5 Build150717	Y	2017.3.15
Surveillance	8T	ST8000VX009		V4.60.000 build 211129		2022.05.18
Surveillance	8T	ST8000VX010		V4.60.000 build 211129		2022.05.18
Surveillance	6T	ST6000VX004		V3.4.4 Build170522	Y	2017.3.15
Surveillance	6T	ST6000VX001		V3.4.4 Build170522	Y	2017.3.15
Surveillance	6T	ST6000VX0023		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	ST6000VX011		V4.50.010 build 210322		2021.08.18
Surveillance	6T	ST6000VX010		V4.40.016 build 200815		2022.05.18
Surveillance	6T	ST6000VX0003		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	ST6000VX008		V4.60.000 build 211129		2022.05.18
Surveillance	6T	ST6000VX009		V4.60.000 build 211129		2022.05.18
Surveillance	4T	ST4000VX005		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	ST4000VX013		V3.4.2 Build160205		2021.08.18
Surveillance	4T	ST4000HKVS001		V3.4.2 Build160205		2021.08.18
Surveillance	4T	ST4000VX007		V3.4.2 Build160205	Y	2017.3.15

Surveillance	4T	ST4000VX015		V4.40.015 build 200616		2021.08.18
Surveillance	4T	ST4000VX016		V4.40.016 build 200822		2022.05.18
Surveillance	4T	ST4000VX000		V3.4.2 Build160205	Y	2017.3.15
Surveillance	3T	ST3000VX014		V4.50.010 build 210322		2021.12.15
Surveillance	3T	ST3000VX015		V4.40.016 build 200825		2022.05.18
Surveillance	3T	ST3000VX009		V3.3.7 Build151102	N	2017.3.15
Surveillance	3T	ST3000VX010		V3.4.4 Build170522	N	2017.3.15
Surveillance	3T	ST3000VX006		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	ST2000VX003		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	ST2000VX008		V3.3.7 Build151102	N	2017.3.15
Surveillance	2T	ST2000VX012		V4.40.015 build 200616	N	2017.3.15
Surveillance	2T	ST2000VX015		V3.3.7 Build151102		2021.08.18
Surveillance	2T	ST2000HKVS001		V3.3.7 Build151102		2021.08.18
Surveillance	2T	ST2000VX016		V4.60.000 build 211129		2022.05.18
Surveillance	2T	ST2000VX017		V4.60.000 build 211129		2022.05.18
Surveillance	1T	ST1000VX001		V3.3.7 Build151030	N	2017.3.15
Surveillance	1T	ST1000VX005		V3.3.7 Build151102	N	2017.3.15
<b>TOSHIBA</b>						
<b>Type</b>	<b>Capacity</b>	<b>Model</b>	<b>Old Model</b>	<b>Firmware version</b>	<b>RV</b>	<b>Update</b>
Surveillance	10T	MD06ACA10TV		V4.1.0 Build170915	Y	2019.02.13
Surveillance	10T	HDWT31AUZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	8T	MD06ACA800V		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	HDWT380UZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	6T	MD06ACA600V		V4.1.0 Build170915	Y	2017.3.15
Surveillance	6T	HDWT360UZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	6T	DT02ABA600VH		V4.40.016 build 200803		2021.08.18
Surveillance	4T	DT02ABA400VH		V4.40.016 build 200803		2021.08.18
AI	8T	MG08ADA800E		V4.50.010 build 210322		2021.08.18
Enterprise	8T	MG06ACA800E		V4.1.11 build 171204		2020.11.16
Enterprise	6T	MG04ACA600E		V3.4.2 Build160205	Y	2017.3.15

## [NVR] DS-76 77 86NI-K

DS-7600NI-K2

DS-7700NI-K4

DS-8600NI-K8

**Note: the hard disks used for RAID must be enterprise-class or support RV sensors.**

**Y: support RV**

**N: not support RV**

**WD**

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	HUS728T8TALE6L4		V4.1.20 build180108	Y	2019.02.13
Enterprise	8T	WD8002FRYZ-01FF2B0		V3.4.2 Build160205	Y	2019.02.13
Enterprise	6T	WD6002FRYZ-01WD5B0		V3.4.2 Build160205	Y	2017.3.15
Enterprise	6T	HUS726T6TALE6L4		V4.1.20 build180108	Y	2017.3.15
Enterprise	4T	HUS726T4TALA6L4		V4.1.20 build180108	Y	2017.3.15
Enterprise	4T	WD4002FYYZ-01B7CB0		V3.4.2 Build160205	Y	2017.3.15
Enterprise	2T	HUS722T2TALA604		V4.1.20 build180108	Y	2017.3.15
Enterprise	2T	WD2005FBYZ-01YCBBO		V3.3.5 Build150717	Y	2017.3.15
Surveillance	8T	WD81PURX-78U9SY0		V3.4.2 Build160205	Y	2019.02.13
Surveillance	8T	WD81PURX-64U9SY0		V3.4.2 Build160205	Y	2019.02.13
Surveillance	8T	WD82PURX-78GVLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	WD82PURX-64GVLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	WD8001PURA-64B6VY0		V4.1.0 Build170915		2021.08.18
Surveillance	8T	WD82HKAI-78GVLY0		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	DS82HKAI-78GVLY0		V4.1.0 Build170915		2021.08.18
Surveillance	8T	WD84HKVS-78B4HY0		V4.30.010 build 200711	Y	2021.2.8
Surveillance	8T	WD84PURZ-85B4HY0		V4.30.010 build 200711	Y	2021.2.8
Surveillance	6T	WD62PURX-78B2MY0		V4.30.010 build 200711	Y	2021.2.8
Surveillance	6T	WD62PURZ-85B2MY0		V4.30.010 build 200711	Y	2021.2.8
Surveillance	6T	WD61HKVS-78AUSY0		V4.30.010 build 200711	N/A	2020.11.16
Surveillance	6T	WD60PURX-78WY0Y1		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	WD60PURX-64WY0Y1		V3.4.2 Build160205	Y	2017.3.15

Surveillance	6T	WD61PURX-78ESZY0		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	WD63HKVS-78BFHY0		V4.32.110 build 211009		2021.12.15
Surveillance	6T	WD63HKVS-78BFHY0		V4.32.110 build 211009		2021.12.15
Surveillance	6T	WD63HKVS-78BFHY0		V4.32.110 build 211009		2021.12.15
Surveillance	4T	WD40PURX-78AKYY0		V4.30.010 build 200711	N/A	2020.11.16
Surveillance	4T	WD40PURX-64AKYY0		V4.30.010 build 200711	N/A	2020.11.16
Surveillance	4T	WD41HKVS-78AUTY0		V4.30.010 build 200711	N/A	2020.11.16
Surveillance	4T	WD40PURX-64N96Y0		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	WD40PURX-78NZ6Y0		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	WD41PURX-78U8AY0		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	WD42HKVS-78BFKY0		V4.32.110 build 211009		2021.12.15
Surveillance	4T	WD42PURU-64BFGY0		V4.32.110 build 211009		2021.12.15
Surveillance	4T	WD42PURU-78BFGY0		V4.32.110 build 211009		2021.12.15
Surveillance	3T	WD30PURX-64AKYY0		V4.30.010 build 200711	N/A	2020.11.16
Surveillance	3T	WD30PURX-78AKYY0		V4.30.010 build 200711	N/A	2020.11.16
Surveillance	3T	WD30PURX-78P6ZY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	3T	WD30PURX-78PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	3T	WD30PURX-64PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD20PURX-78AKYY0		V4.30.010 build 200711	N/A	2020.11.16
Surveillance	2T	WD20PURX-64AKYY0		V4.30.010 build 200711	N/A	2020.11.16
Surveillance	2T	WD21HKVS-78AUUY0		V4.30.010 build 200711	N/A	2020.11.16
Surveillance	2T	WD20PURX-78P6ZY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD20PURX-64PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD20PURX-78PFUY0		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	WD21PURX-78EH2Y0		V4.30.010 build 200711	N	2017.3.15
Surveillance	2T	WD22HKVS-78BELY0		V4.32.110 build 211009		2021.12.15
Surveillance	2T	WD22PURU-64BEJY0		V4.32.110 build 211009		2021.12.15
Surveillance	2T	WD22PURU-78BEJY0		V4.32.110 build 211009		2021.12.15
Surveillance	1T	WD10PURX-64KC9Y0		V3.3.5 Build150717	N	2017.3.15
Surveillance	1T	WD10PURX-78KC9Y0		V3.3.5 Build150717	N	2017.3.15
Surveillance	1T	WD10PURX-78E5EY0		V3.3.5 Build150717	N	2017.3.15
<b>Seagate</b>						

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	ST8000NM000A		V4.1.20 build180108	Y	2019.02.13
Enterprise	8T	ST8000NM0055		V3.3.5 Build150717	Y	2019.02.13
Enterprise	6T	ST6000NM021A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	6T	ST6000NM0115		V3.3.5 Build150717	Y	2017.3.15
Enterprise	4T	ST4000NM000A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	4T	ST4000NM002A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	3T	ST3000NM000A		V3.3.5 Build150717	Y	2017.3.15
Enterprise	2T	ST2000NM000A		V3.4.2 Build160205	Y	2017.3.15
Enterprise	2T	ST2000NM0125		V3.4.2 Build160205	Y	2017.3.15
Enterprise	1T	ST1000NM000A		V3.4.2 Build160205	Y	2017.3.15
Enterprise	1T	ST1000NM0055		V3.4.2 Build160205	Y	2017.3.15
AI	10T	ST10000VE000		V4.30.010 build 200711		2021.08.18
AI	10T	ST10000VE001		V4.30.010 build 200711		2022.05.18
AI	10T	ST10000HKAI002		V4.30.010 build 200711		2021.08.18
AI	8T	ST8000VE0004		V4.1.0 Build170915	Y	2019.02.13
AI	8T	ST8000VE000		V4.1.0 Build170915	Y	2019.02.13
AI	8T	ST8000VE000		V4.30.055 build 201111		2021.08.18
AI	8T	ST8000VE001		V4.30.055 build 201111		2022.05.18
AI	8T	ST8000VE000A		V4.1.0 Build170915	Y	2021.2.8
AI	8T	ST8000HKAI000		V4.1.0 Build170915		2021.08.18
AI	6T	ST6000VE000		V4.1.0 Build170915	Y	2019.02.13
AI	6T	ST6000HKAI000		V4.30.010 build 200711		2021.08.18
AI	6T	ST6000VE001		V4.1.0 Build170915	Y	2019.02.13
AI	4T	ST4000VE001		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	ST8000VX004		V4.1.0 Build170915	Y	2019.02.13
Surveillance	8T	ST8000VX0022		V3.3.5 Build150717	Y	2019.02.13
Surveillance	8T	ST8000VX002		V4.30.055 build 201111		2021.08.18
Surveillance	8T	ST8000VX008		V4.30.055 build 201111		2022.05.18
Surveillance	8T	ST8000VX0002		V3.3.5 Build150717	Y	2019.02.13
Surveillance	8T	ST8000VX009		V4.32.110 build 211009		2022.05.18
Surveillance	8T	ST8000VX010		V4.32.110 build 211009		2022.05.18

Surveillance	6T	ST6000VX004		V3.4.4 Build170522	Y	2017.3.15
Surveillance	6T	ST6000VX001		V3.4.4 Build170522	Y	2017.3.15
Surveillance	6T	ST6000VX0023		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	ST6000VX011		V4.30.010 build 200711		2021.08.18
Surveillance	6T	ST6000VX010		V4.30.010 build 200711		2022.05.18
Surveillance	6T	ST6000VX0003		V3.4.2 Build160205	Y	2017.3.15
Surveillance	6T	ST6000VX008		V4.32.110 build 211009		2022.05.18
Surveillance	6T	ST6000VX009		V4.32.110 build 211009		2022.05.18
Surveillance	4T	ST4000VX005		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	ST4000VX013		V3.4.98 build 171121		2021.08.18
Surveillance	4T	ST4000HKVS001		V3.4.98 build 171121		2021.08.18
Surveillance	4T	ST4000VX007		V3.4.2 Build160205	Y	2017.3.15
Surveillance	4T	ST4000VX015		V4.30.055 build 201111		2021.08.18
Surveillance	4T	ST4000VX016		V4.30.055 build 201111		2022.05.18
Surveillance	4T	ST4000VX000		V3.4.2 Build160205	Y	2017.3.15
Surveillance	3T	ST3000VX014		V4.50.010 build 210322		2021.12.15
Surveillance	3T	ST3000VX015		V4.50.010 build 210322		2022.05.18
Surveillance	3T	ST3000VX009		V3.3.7 Build151102	N	2017.3.15
Surveillance	3T	ST3000VX010		V3.4.4 Build170522	N	2017.3.15
Surveillance	3T	ST3000VX006		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	ST2000VX003		V3.3.7 Build151030	N	2017.3.15
Surveillance	2T	ST2000VX008		V3.3.7 Build151102	N	2017.3.15
Surveillance	2T	ST2000VX012		V3.3.7 Build151102	N	2017.3.15
Surveillance	2T	ST2000VX015		V3.3.7 Build151102	N	2017.3.15
Surveillance	2T	ST2000HKVS001		V3.4.98 build 171121		2021.08.18
Surveillance	2T	ST2000VX016		V4.32.110 build 211009		2022.05.18
Surveillance	2T	ST2000VX017		V4.32.110 build 211009		2022.05.18
Surveillance	1T	ST1000VX001		V3.3.7 Build151030	N	2017.3.15
Surveillance	1T	ST1000VX005		V3.3.7 Build151102	N	2017.3.15
TOSHIBA						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	MG06ACA800E		V4.1.11 build 171204	Y	2020.11.16



Enterprise	6T	MG04ACA600E		V3.4.2 Build160205	Y	2017.3.15
AI	8T	MG08ADA800E		V4.30.055 build 201111		2021.08.18
Surveillance	8T	MD06ACA800V		V4.1.0 Build170915	Y	2017.3.15
Surveillance	8T	HDWT380UZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	6T	MD06ACA600V		V4.1.0 Build170915	Y	2017.3.15
Surveillance	6T	HDWT360UZSVA		V4.1.0 Build170915		2021.08.18
Surveillance	6T	DT02ABA600VH		V4.30.055 build 201111		2021.08.18
Surveillance	4T	DT02ABA400VH		V4.30.055 build 201111		2021.08.18

## [NVR] DS-76 77NI-Q & 76 NI-K1 (B)

DS-7600NI-Q1(/4P) DS-7600NI-Q2(/8P)(/16P) DS-7600NI-K1(B)						
WD						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Surveillance	6T	WD62PURX-78B2MY0		V4.30.005 build 200628	Y	2021.2.8
Surveillance	6T	WD62PURZ-85B2MY0		V4.30.005 build 200628	Y	2021.2.8
Surveillance	6T	WD61HKVS-78AUSY0		V4.30.005 build 200628	N/A	2021.08.18
Surveillance	6T	WD60PURX-78WY0Y1		V3.4.96 Build170814	N/A	2019.02.13
Surveillance	6T	WD60PURX-64WY0Y1		V3.4.96 Build170814	N/A	2019.02.13
Surveillance	6T	WD61PURX-78ESZY0		V3.4.96 Build170814	N/A	2019.02.13
Surveillance	4T	WD40PURX-78AKYY0		V4.30.005 build 200628	N/A	2021.08.18
Surveillance	4T	WD40PURX-64AKYY0		V4.30.005 build 200628	N/A	2021.08.18
Surveillance	4T	WD41HKVS-78AUTY0		V4.30.005 build 200628	N/A	2021.08.18
Surveillance	4T	WD40PURX-64N96Y0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	4T	WD40PURX-78NZ6Y0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	4T	WD41PURX-78U8AY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	WD30PURX-78AKYY0		V4.30.005 build 200628	N/A	2021.08.18
Surveillance	3T	WD30PURX-64AKYY0		V4.30.005 build 200628	N/A	2021.08.18
Surveillance	3T	WD30PURX-78P6ZY0		V3.4.96 Build170814	N/A	2017.3.15

Surveillance	3T	WD30PURX-78PFUY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	WD30PURX-64PFUY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	WD20PURX-78AKYY0		V4.30.005 build 200628	N/A	2021.08.18
Surveillance	2T	WD20PURX-64AKYY0		V4.30.005 build 200628	N/A	2021.08.18
Surveillance	2T	WD21HKVS-78AUJY0		V4.30.005 build 200628	N/A	2021.08.18
Surveillance	2T	WD20PURX-78P6ZY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	WD20PURX-64PFUY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	WD20PURX-78PFUY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	WD21PURX-78EH2Y0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	1T	WD10PURX-64KC9Y0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	1T	WD10PURX-78KC9Y0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	1T	WD10PURX-78E5EY0		V3.4.96 Build170814	N/A	2017.3.15
<b>Seagate</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	4T	ST4000NM000A		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	4T	ST4000NM002A		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	3T	ST3000NM000A		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	2T	ST2000NM000A		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	2T	ST2000NM0125		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	1T	ST1000NM000A		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	1T	ST1000NM0055		V3.4.96 Build170814	N/A	2017.3.15
AI	8T	ST8000VE000		V4.30.005 build 200628	N/A	2021.7.9
AI	8T	ST8000HKAI000 (PN:3EK101-520)		V4.40.215 build 201103	N/A	2021.7.9
AI	6T	ST6000HKAI000		V4.30.005 build 200628	N/A	2021.7.9
Surveillance	8T	ST8000VX002 (Recording only for industry equipment )		V4.30.005 build 200628	N/A	2021.7.9
Surveillance	6T	ST6000VX004		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	6T	ST6000VX001		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	6T	ST6000VX0023		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	6T	ST6000VX011		V4.30.005 build 200628	N/A	2021.7.9

		(Recording only for industry equipment )				
Surveillance	6T	ST6000VX0003		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	4T	ST4000VX005		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	4T	ST4000VX007		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	4T	ST4000HKVS001		V3.4.99 build 171121		2021.08.18
Surveillance	4T	ST4000VX013		V3.4.96 Build170814	N/A	2021.08.18
Surveillance	4T	ST4000VX000		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	ST3000VX006		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	ST3000VX010		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	ST3000VX009		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	ST2000VX007		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	ST2000VX003		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	ST2000VX008		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	ST2000VX012		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	ST2000VX015		V3.4.96 Build170814	N/A	2021.08.18
Surveillance	2T	ST2000HKVS001		V3.4.99 build 171121	N/A	2021.7.9
Surveillance	1T	ST1000VX008		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	1T	ST1000VX001		V3.4.96 Build170814	N/A	2021.08.18
Surveillance	1T	ST1000VX005		V3.4.96 Build170814	N/A	2017.3.15
<b>TOSHIBA</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Surveillance	6T	DT02ABA600VH		V4.30.010 build 200715		2021.7.9
Surveillance	4T	DT02ABA400VH		V4.30.010 build 200715		2021.7.9
Surveillance	4T	DT02ABA400V		V4.30.005 build 200628	N/A	2021.7.9
Surveillance	4T	HDWT740UZSVA		V4.30.005 build 200628		2021.7.9
Surveillance	4T	MD04ABA400V		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	DT01ABA300V		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	DT02ABA200V		V4.30.005 build 200628	N/A	2021.7.9
Surveillance	2T	HDWT720UZSVA		V4.30.005 build 200628		2021.7.9
Surveillance	2T	DT01ABA200V		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	1T	DT01ABA100V		V3.4.96 Build170814	N/A	2017.3.15

Surveillance	1T	HDWU110UZSVA		V3.4.96 Build170814		2021.7.9
--------------	----	--------------	--	---------------------	--	----------

## [NVR] DS-76NI-Q (C)

DS-76xxNI-K1(/4P)(/8P)(C) DS-76xxNI-Q1(/4P)(/8P)(C) DS-76xxNI-Q2(/8P)(/16P)(C)						
WD						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	6T	WD6002FRYZ-31WD5B0		V4.30.200 build 200822	Y	2021.2.8
Enterprise	6T	HKS726T6TALE-31		V4.30.200 build 200822		2021.2.8
Enterprise	2T	WD2000FYZ-31YCBBO		V4.30.200 build 200822		2021.2.8
Surveillance	8T	WD81PURX-78U9SY0		V4.30.200 build 200822		2021.2.8
Surveillance	8T	WD81PURX-64U9SY0		V4.30.200 build 200822		2021.2.8
Surveillance	8T	WD82PURX-78GVLY0		V4.30.200 build 200822		2021.2.8
Surveillance	8T	WD82PURX-64GVLY0		V4.30.200 build 200822		2021.2.8
Surveillance	8T	WD8001PURA-64B6VY0		V4.30.200 build 200822		2021.6.21
Surveillance	8T	WD82HKAI-78GVLY0		V4.30.200 build 200822		2021.2.8
Surveillance	8T	DS82HKAI-78GVLY0		V4.30.200 build 200822		2021.7.9
Surveillance	8T	WD84HKVS-78B4HY0		V4.30.200 build 200822		2021.2.8
Surveillance	8T	WD84PURZ-85B4HY0		V4.30.200 build 200822		2021.2.8
Surveillance	6T	WD62PURX-78B2MY0		V4.30.200 build 200822		2021.2.8
Surveillance	6T	WD62PURZ-85B2MY0		V4.30.200 build 200822		2021.2.8
Surveillance	6T	WD60PURX-78WY0Y1		V4.30.200 build 200822		2021.2.8
Surveillance	6T	WD60PURX-64WY0Y1		V4.30.200 build 200822		2021.2.8
Surveillance	6T	WD63HKVS-78BFHY0		V4.30.210 build 201119		2021.12.15
Surveillance	6T	WD63PURU-64BFHY0		V4.30.210 build 201119		2021.12.15
Surveillance	6T	WD63PURU-78BFHY0		V4.30.210 build 201119		2021.12.15
Surveillance	4T	WD40PURX-64N96Y0		V4.30.200 build 200822		2021.2.8
Surveillance	4T	WD40PURX-78NZ6Y0		V4.30.200 build 200822		2021.2.8
Surveillance	4T	WD42HKVS-78BFKY0		V4.30.210 build 201119		2021.12.15

Surveillance	4T	WD42PURU-64BFGY0		V4.30.210 build 201119		2021.12.15
Surveillance	4T	WD42PURU-78BFGY0		V4.30.210 build 201119		2021.12.15
Surveillance	3T	WD30PURX-78P6ZY0		V4.30.200 build 200822		2021.2.8
Surveillance	3T	WD30PURX-78PFUY0		V4.30.200 build 200822		2021.2.8
Surveillance	3T	WD30PURX-64PFUY0		V4.30.200 build 200822		2021.2.8
Surveillance	2T	WD20PURX-78P6ZY0		V4.30.200 build 200822		2021.2.8
Surveillance	2T	WD20PURX-64PFUY0		V4.30.200 build 200822		2021.2.8
Surveillance	2T	WD20PURX-78PFUY0		V4.30.200 build 200822		2021.2.8
Surveillance	2T	WD22HKVS-78BELY0		V4.30.210 build 201119		2021.12.15
Surveillance	2T	WD22PURU-64BEJY0		V4.30.210 build 201119		2021.12.15
Surveillance	2T	WD22PURU-78BEJY0		V4.30.210 build 201119		2021.12.15
Surveillance	1T	WD10PURX-64KC9Y0		V4.30.200 build 200822		2021.2.8
Surveillance	1T	WD10PURX-78KC9Y0		V4.30.200 build 200822		2021.2.8
Surveillance	1T	WD10PURX-78E5EY0		V4.30.200 build 200822		2021.2.8
<b>Seagate</b>						
<b>Type</b>	<b>Capacity</b>	<b>Model</b>	<b>Old Model</b>	<b>Firmware version</b>	<b>RV</b>	<b>Update</b>
Enterprise	6T	ST6000NM021A (Exos 7E8 series)		V4.30.200 build 200822	Y	2021.2.8
Enterprise	6T	ST6000NM0115		V4.30.200 build 200822	Y	2021.2.8
Enterprise	4T	ST4000NM000A (Exos 7E8 series)		V4.30.200 build 200822	Y	2021.2.8
Enterprise	4T	ST4000NM002A		V4.30.200 build 200822	Y	2021.2.8
Enterprise	3T	ST3000NM0025		V4.30.200 build 200822	Y	2021.2.8
Enterprise	2T	ST2000NM000A		V4.30.200 build 200822	Y	2021.2.8
Enterprise	2T	ST2000NM001A		V4.30.200 build 200822	Y	2021.2.8
Enterprise	2T	ST2000NM0125		V4.30.200 build 200822	Y	2021.2.8
Enterprise	1T	ST1000NM000A		V4.30.200 build 200822	Y	2021.2.8
Enterprise	1T	ST1000NM0055		V4.30.200 build 200822	Y	2021.2.8
AI	8T	ST8000VE000		V4.30.210 build 201119		2021.7.9
AI	8T	ST8000HKAI000 (PN:3EK101-520)		V4.40.215 build 201103		2021.7.9
AI	8T	ST8000VE001		V4.30.210 build 201119		2022.05.18

AI	6T	ST6000HKAI000		V4.30.210 build 201119		2021.7.9
Surveillance	8T	ST8000VX004		V4.30.200 build 200822	Y	2021.2.8
Surveillance	8T	ST8000VX0022		V4.30.200 build 200822	Y	2021.2.8
Surveillance	8T	ST8000VX002		V4.30.210 build 201119		2021.7.9
Surveillance	8T	ST8000VX008		V4.30.210 build 201119		2022.05.18
Surveillance	8T	ST8000VX0002		V4.30.200 build 200822	Y	2021.2.8
Surveillance	8T	ST8000VX009		V4.30.210 build 201119		2022.05.18
Surveillance	8T	ST8000VX010		V4.30.210 build 201119		2022.05.18
Surveillance	6T	ST6000VX004		V4.30.200 build 200822	Y	2021.2.8
Surveillance	6T	ST6000VX001		V4.30.200 build 200822	Y	2021.2.8
Surveillance	6T	ST6000VX0023		V4.30.200 build 200822	Y	2021.2.8
Surveillance	6T	ST6000VX011		V4.30.210 build 201119		2021.7.9
Surveillance	6T	ST6000VX010		V4.30.210 build 201119		2022.05.18
Surveillance	6T	ST6000VX0003		V4.30.200 build 200822	Y	2021.2.8
Surveillance	6T	ST6000VX008		V4.30.210 build 201119		2022.05.18
Surveillance	6T	ST6000VX009		V4.30.210 build 201119		2022.05.18
Surveillance	4T	ST4000VX007		V4.30.200 build 200822	Y	2021.2.8
Surveillance	4T	ST4000VX015		V4.31.000 build 210225		2021.8.18
Surveillance	4T	ST4000VX016		V4.31.000 build 210225		2022.05.18
Surveillance	4T	ST4000VX000		V4.30.200 build 200822	Y	2021.2.8
Surveillance	3T	ST3000VX014		V4.31.000 build 210225		2021.12.15
Surveillance	3T	ST3000VX015		V4.31.000 build 210225		2022.05.18
Surveillance	3T	ST3000VX009		V4.30.200 build 200822	Y	2021.2.8
Surveillance	3T	ST3000VX010		V4.30.200 build 200822	Y	2021.2.8
Surveillance	3T	ST3000VX006		V4.30.200 build 200822	Y	2021.2.8
Surveillance	2T	ST2000VX007		V4.30.200 build 200822	Y	2021.2.8
Surveillance	2T	ST2000VX016		V4.30.210 build 201119		2022.05.18
Surveillance	2T	ST2000VX017		V4.30.210 build 201119		2022.05.18
Surveillance	1T	ST1000VX008		V4.30.200 build 200822	Y	2021.2.8
<b>TOSHIBA</b>						
<b>Type</b>	<b>Capacity</b>	<b>Model</b>	<b>Old Model</b>	<b>Firmware version</b>	<b>RV</b>	<b>Update</b>
AI	8T	MG08ADA800E		V4.31.000 build 210225		2021.8.18

Surveillance	6T	DT02ABA600VH		V4.30.210 build 201119		2021.5.18
Surveillance	4T	DT02ABA400VH		V4.30.210 build 201119		2021.5.18
Surveillance	3T	DT01ABA300V		V4.30.200 build 200822		2021.2.8

## [NVR] DS-71NI-Q1

DS-7100NI-Q1(/4P)(/8P)/M						
WD						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Surveillance	6T	WD62PURX-78B2MY0		V4.30.005 build 200628	Y	2021.2.8
Surveillance	6T	WD62PURZ-85B2MY0		V4.30.005 build 200628	Y	2021.2.8
Surveillance	6T	WD61HKVS-78AUSY0		V4.30.005 build 200628	N/A	
Surveillance	6T	WD60PURX-78WY0Y1		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	6T	WD60PURX-64WY0Y1		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	6T	WD61PURX-78ESZY0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	4T	WD40PURX-78AKYY0		V4.30.005 build 200628	N/A	
Surveillance	4T	WD40PURX-64AKYY0		V4.30.005 build 200628	N/A	
Surveillance	4T	WD41HKVS-78AUTY0		V4.30.005 build 200628	N/A	
Surveillance	4T	WD40PURX-64N96Y0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	4T	WD40PURX-78NZ6Y0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	4T	WD41PURX-78U8AY0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	3T	WD30PURX-78AKYY0		V4.30.005 build 200628	N/A	
Surveillance	3T	WD30PURX-64AKYY0		V4.30.005 build 200628	N/A	
Surveillance	3T	WD30PURX-78P6ZY0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	3T	WD30PURX-78PFUY0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	3T	WD30PURX-64PFUY0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	2T	WD20PURX-78AKYY0		V4.30.005 build 200628	N/A	
Surveillance	2T	WD20PURX-64AKYY0		V4.30.005 build 200628	N/A	
Surveillance	2T	WD21HKVS-78AUUY0		V4.30.005 build 200628	N/A	
Surveillance	2T	WD20PURX-78P6ZY0		V3.4.96 Build180130	N/A	2017.3.15

Surveillance	2T	WD20PURX-64PFUY0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	2T	WD20PURX-78PFUY0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	2T	WD21PURX-78EH2Y0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	1T	WD10PURX-64KC9Y0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	1T	WD10PURX-78KC9Y0		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	1T	WD10PURX-78E5EY0		V3.4.96 Build180130	N/A	2017.3.15
<b>Seagate</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	4T	ST4000NM000A		V3.4.96 Build180130	N/A	2017.3.15
Enterprise	4T	ST4000NM002A		V3.4.96 Build180130	N/A	2017.3.15
Enterprise	3T	ST3000NM000A		V3.4.96 Build180130	N/A	2017.3.15
Enterprise	2T	ST2000NM000A		V3.4.96 Build180130	N/A	2017.3.15
Enterprise	2T	ST2000NM0125		V3.4.96 Build180130	N/A	2017.3.15
Enterprise	1T	ST1000NM000A		V3.4.96 Build180130	N/A	2017.3.15
Enterprise	1T	ST1000NM0055		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	6T	ST6000VX004		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	6T	ST6000VX001		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	6T	ST6000VX0023		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	6T	ST6000VX0003		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	4T	ST4000VX005		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	4T	ST4000VX013		V3.4.96 Build180130	N/A	2021.7.9
Surveillance	4T	ST4000HKVS001		V3.4.96 Build180130	N/A	2021.7.9
Surveillance	4T	ST4000VX007		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	4T	ST4000VX000		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	3T	ST3000VX009		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	3T	ST3000VX010		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	3T	ST3000VX006		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	2T	ST2000VX003		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	2T	ST2000VX007		V3.4.96 Build180130	N/A	2021.7.9
Surveillance	2T	ST2000VX008		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	2T	ST2000VX012		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	2T	ST2000VX015		V3.4.96 Build180130	N/A	2021.7.9



Surveillance	2T	ST2000HKVS001		V3.4.96 Build180130	N/A	2021.7.9
Surveillance	1T	ST1000VX008		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	1T	ST1000VX005		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	1T	ST1000VX001		V3.4.96 Build180130	N/A	2021.7.9
<b>TOSHIBA</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Surveillance	4T	DT02ABA400VH		V4.30.010 build 200715	N/A	2021.5.18
Surveillance	4T	HDWT740UZSVA		V4.30.005 build 200628	N/A	2021.7.9
Surveillance	4T	MD04ABA400V		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	3T	DT01ABA300V		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	2T	DT02ABA200V		V4.30.005 build 200628	N/A	2021.7.9
Surveillance	2T	HDWT720UZSVA		V4.30.005 build 200628	N/A	2021.7.9
Surveillance	2T	DT01ABA200V		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	1T	DT01ABA100V		V3.4.96 Build180130	N/A	2017.3.15
Surveillance	1T	HDWU110UZSVA		V3.4.96 Build170814	N/A	2021.7.9

### [NVR] DS-71NI-Q (C)

DS-71xxNI-Q1(/4P)(/8P)(/M)(C)						
WD						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	HUS728T8TALE6L4		V4.30.300 build 210126		2021.2.8
Enterprise	8T	WD8002FRYZ-01FF2B0		V4.30.300 build 210126		2021.2.8
Enterprise	6T	WD6002FRYZ-01WD5B0		V4.30.300 build 210126	Y	2021.2.8
Enterprise	6T	HUS726T6TALE6L4		V4.30.300 build 210126		2021.2.8
Enterprise	4T	WD4002FYYZ-01B7CB0		V4.30.300 build 210126		2021.2.8
Enterprise	4T	HUS726T4TALE6L4		V4.30.300 build 210126		2021.2.8
Enterprise	2T	WD2000FYYZ-01YCB0		V4.30.300 build 210126		2021.2.8
Enterprise	1T	WD1003FBYZ-01		V4.30.300 build 210126		2021.2.8
Surveillance	8T	WD84HKVS-78B4HY0		V4.30.300 build 210126		2021.2.8
Surveillance	8T	WD84PURZ-85B4HY0		V4.30.300 build 210126		2021.2.8

Surveillance	8T	WD84EJRX-89B4HY0		V4.30.300 build 210126		2021.2.8
Surveillance	8T	WD84PURU-64B4HY0		V4.30.300 build 210126		2021.2.8
Surveillance	8T	WD82HKAI-78GVLY0		V4.30.300 build 210126		2021.2.8
Surveillance	8T	DS82HKAI-78GVLY0		V4.30.300 build 210126		2021.7.9
Surveillance	6T	WD62PURX-78B2MY0		V4.30.300 build 210126		2021.2.8
Surveillance	6T	WD62PURX-64B2MY0		V4.30.300 build 210126		2021.2.8
Surveillance	6T	WD62PURZ-85B2MY0		V4.30.300 build 210126		2021.2.8
Surveillance	6T	WD63HKVS-78BFHY0		V4 30.300 build 210126		2021.12.15
Surveillance	6T	WD63PURU-64BFEY0		V4 30.300 build 210126		2021.12.15
Surveillance	6T	WD63PURU-78BFEY0		V4 30.300 build 210126		2021.12.15
Surveillance	4T	WD40PURX-64AKYY0		V4.30.300 build 210126		2021.2.8
Surveillance	4T	WD40PURX-78AKYY0		V4.30.300 build 210126		2021.2.8
Surveillance	4T	WD42HKVS-78BFKY0		V4 30.300 build 210126		2021.12.15
Surveillance	4T	WD42PURU-64BFGY0		V4 30.300 build 210126		2021.12.15
Surveillance	4T	WD42PURU-78BFGY0		V4 30.300 build 210126		2021.12.15
Surveillance	3T	WD30PURX-78AKYY0		V4.30.300 build 210126		2021.2.8
Surveillance	3T	WD30PURX-64AKYY0		V4.30.300 build 210126		2021.2.8
Surveillance	2T	WD20PURX-78AKYY0		V4.30.300 build 210126		2021.2.8
Surveillance	2T	WD20PURX-64AKYY0		V4.30.300 build 210126		2021.2.8
Surveillance	2T	WD22HKVS-78BELY0		V4 30.300 build 210126		2021.12.15
Surveillance	2T	WD22PURU-64BEJY0		V4 30.300 build 210126		2021.12.15
Surveillance	2T	WD22PURU-78BEJY0		V4 30.300 build 210126		2021.12.15
Surveillance	1T	WD10PURX-64KC9Y0		V4.30.300 build 210126		2021.2.8
Surveillance	1T	WD10PURX-78KC9Y0		V4.30.300 build 210126		2021.2.8

**Seagate**

Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	6T	ST6000NM021A (Exos 7E8 series)		V4.30.300 build 210126	Y	2021.2.8
Enterprise	6T	ST6000NM0115		V4.30.300 build 210126	Y	2021.2.8
Enterprise	4T	ST4000NM000A (Exos 7E8 series)		V4.30.300 build 210126	Y	2021.2.8
Enterprise	4T	ST4000NM002A		V4.30.300 build 210126	Y	2021.2.8

Enterprise	3T	ST3000NM000A		V4.30.300 build 210126	Y	2021.2.8
Enterprise	3T	ST3000NM0005		V4.30.300 build 210126	Y	2021.2.8
Enterprise	2T	ST2000NM000A		V4.30.300 build 210126	Y	2021.2.8
Enterprise	2T	ST2000NM001A		V4.30.300 build 210126	Y	2021.2.8
Enterprise	1T	ST1000NM000A		V4.30.300 build 210126	Y	2021.2.8
Enterprise	1T	ST1000NM0055		V4.30.300 build 210126	Y	2021.2.8
AI	8T	ST8000VE000		V4.30.300 build 210126		2021.7.9
AI	8T	ST8000VE001		V4.30.300 build 210126		2022.5.18
AI	8T	ST8000HKAI000		V4.40.215 build 201103		2021.7.9
AI	6T	ST6000HKAI000		V4.30.300 build 210126		2021.7.9
Surveillance	8T	ST8000VX004		V4.30.300 build 210126	Y	2021.2.8
Surveillance	8T	ST8000VX0022		V4.30.300 build 210126	Y	2021.2.8
Surveillance	8T	ST8000VX002		V4.30.300 build 210126		2021.7.9
Surveillance	8T	ST8000VX008		V4.30.300 build 210126		2022.5.18
Surveillance	8T	ST8000VX0002		V4.30.300 build 210126	Y	2021.2.8
Surveillance	8T	ST8000VX009		V4.30.300 build 210126		2022.5.18
Surveillance	8T	ST8000VX010		V4.30.300 build 210126		2022.5.18
Surveillance	6T	ST6000VX004		V4.30.300 build 210126	Y	2021.2.8
Surveillance	6T	ST6000VX001		V4.30.300 build 210126	Y	2021.2.8
Surveillance	6T	ST6000VX0023		V4.30.300 build 210126	Y	2021.2.8
Surveillance	6T	ST6000VX011		V4.30.300 build 210126		2021.7.9
Surveillance	6T	ST6000VX010		V4.30.300 build 210126		2022.5.18
Surveillance	6T	ST6000VX0003		V4.30.300 build 210126	Y	2021.2.8
Surveillance	6T	ST6000VX008		V4.30.300 build 210126		2022.5.18
Surveillance	6T	ST6000VX009		V4.30.300 build 210126		2022.5.18
Surveillance	4T	ST4000VX007		V4.30.300 build 210126	Y	2021.2.8
Surveillance	4T	ST4000VX015		V4 30.300 build 210126		2021.8.18
Surveillance	4T	ST4000VX016		V4 30.300 build 210126		2022.5.18
Surveillance	4T	ST4000VX000		V4.30.300 build 210126	Y	2021.2.8
Surveillance	3T	ST3000VX014		V4 30.300 build 210126		2021.12.15
Surveillance	3T	ST3000VX015		V4 30.300 build 210126		2022.5.18
Surveillance	3T	ST3000VX009		V4.30.300 build 210126	Y	2021.2.8

Surveillance	3T	ST3000VX010		V4.30.300 build 210126	Y	2021.2.8
Surveillance	3T	ST3000VX006		V4.30.300 build 210126	Y	2021.2.8
Surveillance	2T	ST2000VX008		V4.30.300 build 210126	Y	2021.2.8
Surveillance	2T	ST2000VX003		V4.30.300 build 210126	Y	2021.2.8
Surveillance	2T	ST2000VX016		V4 30.300 build 210126		2022.5.18
Surveillance	2T	ST2000VX017		V4 30.300 build 210126		2022.5.18
Surveillance	1T	ST1000VX008		V4.30.300 build 210126	Y	2021.2.8
<b>TOSHIBA</b>						
<b>Type</b>	<b>Capacity</b>	<b>Model</b>	<b>Old Model</b>	<b>Firmware version</b>	<b>RV</b>	<b>Update</b>
AI	8T	MG08ADA800E		V4 30.300 build 210126		2021.8.18
Surveillance	6T	DT02ABA600VH		V4.30.300 build 210126		2021.5.18
Surveillance	4T	DT02ABA400VH		V4.30.300 build 210126		2021.5.18
Surveillance	4T	MD04ABA400V		V4.30.300 build 210126	Y	2021.2.8

**[NVR] DS-79 88NXI-K**

**DS-7900NXI-K4(/8P)(/16P)**

**DS-8800NXI-K8**

**Note: the hard disks used for RAID must be enterprise-class or support RV sensors.**

**Y: support RV      N: not support RV**

<b>WD</b>						
<b>Type</b>	<b>Capacity</b>	<b>Model</b>	<b>Old Model</b>	<b>Firmware version</b>	<b>RV</b>	<b>Update</b>
Enterprise	6T	HUS726T6TALE6L4		V4.51.500 build 220124		2022.05.18
Enterprise	4T	HUS726T4TALA6L4		V4.51.500 build 220124		2022.05.18
AI	10T	DS102HKAI-78		V4.51.500 build 220124		2022.05.18
AI	8T	WD82HKAI-78		V4.51.500 build 220124		2022.05.18
AI	6T	DS60HKAI-78		V4.51.500 build 220124		2022.05.18
AI	4T	WD40HKAI-78		V4.51.500 build 220124		2022.05.18
Surveillance	8T	WD82PURX		V4.51.500 build 220124		2022.05.18

Surveillance	6T	WD61HKVS-78		V4.51.500 build 220124		2022.05.18
Surveillance	6T	DS63HKVS-78		V4.51.500 build 220124		2022.05.18
Surveillance	6T	WD62PURX		V4.51.500 build 220124		2022.05.18
Surveillance	4T	WD41HKVS-78		V4.51.500 build 220124		2022.05.18
Surveillance	4T	WD40PURX		V4.51.500 build 220124		2022.05.18
Surveillance	4T	DS42HKVS-78		V4.51.500 build 220124		2022.05.18
Surveillance	2T	WD20PURX		V4.51.500 build 220124		2022.05.18
Surveillance	2T	WD21HKVS-78		V4.51.500 build 220124		2022.05.18
Surveillance	2T	DS22HKVS-78		V4.51.500 build 220124		2022.05.18
<b>Seagate</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	ST8000NM000A (Exos 7E8)		V4.51.500 build 220124		2022.05.18
Enterprise	6T	ST6000NM021A (Exos 7E8)		V4.51.500 build 220124		2022.05.18
Enterprise	4T	ST4000NM000A		V4.51.500 build 220124		2022.05.18
AI	10T	ST10000HKAI000		V4.51.500 build 220124		2022.05.18
AI	8T	ST8000HKAI000		V4.51.500 build 220124		2022.05.18
AI	6T	ST6000HKAI000		V4.51.500 build 220124		2022.05.18
Surveillance	8T	ST8000VX004		V4.51.500 build 220124		2022.05.18
Surveillance	8T	ST8000VX009		V4.51.500 build 220124		2022.05.18
Surveillance	8T	ST8000VX010		V4.51.500 build 220124		2022.05.18
Surveillance	6T	ST6000VX001		V4.51.500 build 220124		2022.05.18
Surveillance	6T	ST6000HKVS001		V4.51.500 build 220124		2022.05.18
Surveillance	6T	ST6000VX010		V4.51.500 build 220124		2022.05.18
Surveillance	6T	ST6000VX008		V4.51.500 build 220124		2022.05.18
Surveillance	6T	ST6000VX009		V4.51.500 build 220124		2022.05.18
Surveillance	4T	ST4000HKVS001		V4.51.500 build 220124		2022.05.18
Surveillance	4T	ST4000VX015		V4.51.500 build 220124		2022.05.18
Surveillance	4T	ST4000VX016		V4.51.500 build 220124		2022.05.18
Surveillance	3T	ST3000VX009		V4.51.500 build 220124		2022.05.18
Surveillance	3T	ST3000VX014		V4.51.500 build 220124		2022.05.18
Surveillance	3T	ST3000VX015		V4.51.500 build 220124		2022.05.18
Surveillance	2T	ST2000VX003		V4.51.500 build 220124		2022.05.18

Surveillance	2T	ST2000VX016		V4.51.500 build 220124		2022.05.18
Surveillance	2T	ST2000VX017		V4.51.500 build 220124		2022.05.18
Surveillance	1T	ST1000VX001		V4.51.500 build 220124		2022.05.18
<b>TOSHIBA</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	MG06ACA800E		V4.51.500 build 220124		2022.05.18
Surveillance	6T	DT02ABA600VH		V4.51.500 build 220124		2022.05.18
Surveillance	4T	DT02ABA400VH		V4.51.500 build 220124		2022.05.18
Surveillance	4T	DT02ABA400V		V4.51.500 build 220124		2022.05.18
Surveillance	2T	DT02ABA200V		V4.51.500 build 220124		2022.05.18
Surveillance	1T	DT01ABA100V		V4.51.500 build 220124		2022.05.18

## X50 HikCentral-Storage

<b>HikCentral-Storage/128/16H</b>						
<b>HikCentral-Storage/256/16H</b>						
<b>Note: the hard disks used for RAID must be enterprise-class or support RV sensors.</b>						
<b>Y: support RV      N: not support RV</b>						
<b>WD</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	6T	HUS726T6TALE6L4		V2.0.1 build 211102		2022.05.18
Enterprise	4T	HUS726T4TALA6L4		V2.0.1 build 211102		2022.05.18
AI	10T	DS102HKAI-78		V2.0.1 build 211102		2022.05.18
AI	8T	WD82HKAI-78		V2.0.1 build 211102		2022.05.18
AI	6T	DS60HKAI-78		V2.0.1 build 211102		2022.05.18
AI	4T	WD40HKAI-78		V2.0.1 build 211102		2022.05.18
Surveillance	8T	WD82PURX		V2.0.1 build 211102		2022.05.18
Surveillance	6T	WD61HKVS-78		V2.0.1 build 211102		2022.05.18
Surveillance	6T	DS63HKVS-78		V2.0.1 build 211102		2022.05.18

Surveillance	6T	WD62PURX		V2.0.1 build 211102		2022.05.18
Surveillance	4T	WD41HKVS-78		V2.0.1 build 211102		2022.05.18
Surveillance	4T	WD40PURX		V2.0.1 build 211102		2022.05.18
Surveillance	4T	DS42HKVS-78		V2.0.1 build 211102		2022.05.18
Surveillance	2T	WD20PURX		V2.0.1 build 211102		2022.05.18
Surveillance	2T	WD21HKVS-78		V2.0.1 build 211102		2022.05.18
Surveillance	2T	DS22HKVS-78		V2.0.1 build 211102		2022.05.18
<b>Seagate</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	ST8000NM000A ( Exos 7E8 )		V2.0.1 build 211102		2022.05.18
Enterprise	6T	ST6000NM021A ( Exos 7E8 )		V2.0.1 build 211102		2022.05.18
Enterprise	4T	ST4000NM000A		V2.0.1 build 211102		2022.05.18
AI	10T	ST10000HKAI000		V2.0.1 build 211102		2022.05.18
AI	8T	ST8000HKAI000		V2.0.1 build 211102		2022.05.18
AI	6T	ST6000HKAI000		V2.0.1 build 211102		2022.05.18
Surveillance	8T	ST8000VX004		V2.0.1 build 211102		2022.05.18
Surveillance	8T	ST8000VX009		V2.0.1 build 211102		2022.05.18
Surveillance	8T	ST8000VX010		V2.0.1 build 211102		2022.05.18
Surveillance	6T	ST6000VX001		V2.0.1 build 211102		2022.05.18
Surveillance	6T	ST6000HKVS001		V2.0.1 build 211102		2022.05.18
Surveillance	6T	ST6000VX010		V2.0.1 build 211102		2022.05.18
Surveillance	6T	ST6000VX008		V2.0.1 build 211102		2022.05.18
Surveillance	6T	ST6000VX009		V2.0.1 build 211102		2022.05.18
Surveillance	4T	ST4000HKVS001		V2.0.1 build 211102		2022.05.18
Surveillance	4T	ST4000VX015		V2.0.1 build 211102		2022.05.18
Surveillance	4T	ST4000VX016		V2.0.1 build 211102		2022.05.18
Surveillance	3T	ST3000VX009		V2.0.1 build 211102		2022.05.18
Surveillance	3T	ST3000VX014		V2.0.1 build 211102		2022.05.18
Surveillance	3T	ST3000VX015		V2.0.1 build 211102		2022.05.18
Surveillance	2T	ST2000VX003		V2.0.1 build 211102		2022.05.18
Surveillance	2T	ST2000VX016		V2.0.1 build 211102		2022.05.18
Surveillance	2T	ST2000VX017		V2.0.1 build 211102		2022.05.18

Surveillance	1T	ST1000VX001		V2.0.1 build 211102		2022.05.18
<b>TOSHIBA</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	8T	MG06ACA800E		V2.0.1 build 211102		2022.05.18
Surveillance	6T	DT02ABA600VH		V2.0.1 build 211102		2022.05.18
Surveillance	4T	DT02ABA400VH		V2.0.1 build 211102		2022.05.18
Surveillance	4T	DT02ABA400V		V2.0.1 build 211102		2022.05.18
Surveillance	2T	DT02ABA200V		V2.0.1 build 211102		2022.05.18
Surveillance	1T	DT01ABA100V		V2.0.1 build 211102		2022.05.18

## [NVR] Discontinued Types

### [NVR] DS-76NI-K1(/4P)

<b>DS-7600NI-K1(/4P)</b>						
<b>WD</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Surveillance	6T	WD60PURX-78WY0Y1		V3.4.96 Build170814	N/A	2019.02.13
Surveillance	6T	WD60PURX-64WY0Y1		V3.4.96 Build170814	N/A	2019.02.13
Surveillance	6T	WD61PURX-78ESZY0		V3.4.96 Build170814	N/A	2019.02.13
Surveillance	4T	WD40PURX-64N96Y0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	4T	WD40PURX-78NZ6Y0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	4T	WD41PURX-78U8AY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	WD30PURX-78P6ZY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	WD30PURX-78PFUY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	WD30PURX-64PFUY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	WD20PURX-78P6ZY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	WD20PURX-64PFUY0		V3.4.96 Build170814	N/A	2017.3.15



Surveillance	2T	WD20PURX-78PFUY0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	WD21PURX-78EH2Y0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	1T	WD10PURX-64KC9Y0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	1T	WD10PURX-78KC9Y0		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	1T	WD10PURX-78E5EY0		V3.4.96 Build170814	N/A	2017.3.15
<b>Seagate</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	4T	ST4000NM000A		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	4T	ST4000NM002A		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	3T	ST3000NM000A		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	3T	ST3000NM001A		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	2T	ST2000NM000A		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	2T	ST2000NM0125		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	1T	ST1000NM000A		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	1T	ST1000NM0055		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	6T	ST6000VX004		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	6T	ST6000VX001		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	6T	ST6000VX0023		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	6T	ST6000VX0003		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	4T	ST4000VX005		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	4T	ST4000VX007		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	4T	ST4000VX013		V3.4.96 Build170814	N/A	
Surveillance	4T	ST4000VX000		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	ST3000VX006		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	ST3000VX010		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	3T	ST3000VX009		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	ST2000VX007		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	ST2000VX003		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	ST2000VX008		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	ST2000VX012		V3.4.96 Build170814	N/A	2017.3.15
Surveillance	2T	ST2000VX015		V3.4.96 Build170814	N/A	
Surveillance	1T	ST1000VX008		V3.4.96 Build170814	N/A	2017.3.15

Surveillance	1T	ST1000VX001		V3.4.96 Build170814	N/A	
Surveillance	1T	ST1000VX005		V3.4.96 Build170814	N/A	2017.3.15
<b>TOSHIBA</b>						
Type	Capacity	Model	Old Model	Firmware version	RV	Update
Enterprise	4T	MD04ABA400V		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	3T	DT01ABA300V		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	2T	DT01ABA200V		V3.4.96 Build170814	N/A	2017.3.15
Enterprise	1T	DT01ABA100V		V3.4.96 Build170814	N/A	2017.3.15

## [NVR] DS-71NI-E1

Type	Capacity	HDD Model	Old Model	NVR Firmware version	Update time	RV
	8T	ST8000NM0055		V3.4.91_Build170223	20190213	
	8T	ST8000VX0002		V3.4.91_Build170223	20190213	
	8T	ST8000VE0004		V3.4.91_Build170223	20190213	
	6T	ST6000VX0003		V3.4.91_Build170223	20180109	
		ST6000VX0001		V3.4.91_Build170223	20180109	
	5T	ST5000VX0001		V3.4.91_Build170223	20180109	
	4T	ST4000VX000		V3.4.91_Build170223	20180109	
	3T	ST3000VN000-1HJ166		V3.4.91_Build170223	20180109	
		ST3000VX009		V3.4.91_build 170223	20180109	
		ST3000VX000		V3.4.91_Build170223	20180109	
	2T	ST2000VX007		V3.4.91_Build170223	20180109	
		ST2000VX003		V3.4.91_Build170223	20180109	
	1T	ST1000VX008		V3.4.91_Build170223	20180109	
		ST1000VX000		V3.4.91_Build170223	20180109	
Type	Capacity	HDD Model	Old Model	NVR Firmware version	Update time	RV
	8T	HUS728T8TALE6L4	WD8002FRYZ-01FF2B0	V3.4.91_Build170223	20190213	
	8T	WD82PURX	WD80PUZX-78(64)NEAY0	V3.4.91_Build170223	20190213	
	8T	WD82EJRX		V3.4.91_Build170223	20190213	
	8T	WD82PURZ		V3.4.91_Build170223	20190213	

	6T	WD60PURX		V3.4.91_Build170223	20180109	
	6T	WD60EJRX		V3.4.91_Build170223	20180109	
	6T	WD60PURZ		V3.4.91_Build170223	20180109	
	4T	WD40PURX		V3.4.91_Build170223	20180109	
	4T	WD40EJRX		V3.4.91_Build170223	20180109	
	4T	WD40PURZ		V3.4.91_Build170223	20180109	
	3T	WD30PURX	WD30EURX-63T0FY0	V3.4.91_Build170223	20180109	
	3T	WD30EJRX	WD30EURX-64HYZY0	V3.4.91_Build170223	20180109	
	3T	WD30PURZ	WD30PURX-78P6ZY0	V3.4.91_Build170223	20180109	
	2T	WD20PURX	WD20EURS-63S48Y0	V3.4.91_Build170223	20180109	
	2T	WD20EJRX	WD20EURX-78T0FY0	V3.4.91_Build170223	20180109	
	2T	WD20PURZ		V3.4.91_Build170223	20180109	
	1T	WD10PURX	WD10PURX-78E5EY0	V3.4.91_Build170223	20180109	
	1T	WD10EJRX	WD10EURX-63FH1Y0	V3.4.91_Build170223	20180109	
	1T	WD10PURZ		V3.4.91_Build170223	20180109	
<b>Type</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>NVR Firmware version</b>	<b>Update time</b>	<b>RV</b>
	4T	MD04ABA400V		V3.4.91_Build170223	20180109	
	3T	DT01ABA300V		V3.4.91_Build170223	20180109	
	2T	DT01ABA200V		V3.4.91_Build170223	20180109	
	1T	DT01ABA100V		V3.4.91_Build170223	20180109	

**[NVR] DS-76 77 86NI-E**

Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV
	6T	ST6000VX0001		V3.4.6build 160405	2016.8.12	
	4T	ST4000VX007		V3.4.6build 160405	2016.10.10	
		ST4000VX002		V3.0.6build 140526	2015.6.19	
		ST4000VM000		V3.0.5 Build 140508	2014.6.23	
		ST4000VX000		V3.0.5 Build 140508	2014.6.23	
	3T	ST3000VX010		V3.0.6build 140526	2016.10.10	
		ST3000VX006		V3.0.6build 140526	2016.4.18	
		ST3000VX005		V3.0.6build 140526	2015.6.19	

		ST3000VX004		V3.0.6build 140526	2015.6.19	
		ST3000VX000		V3.0.5 Build 140508	2014.8.11	
		ST3000VM002		V3.0.5 Build 140508	2014.6.23	
	2T	ST2000VX008		V3.0.6build 140526	2016.10.10	
		ST2000VX005		V3.0.6build 140526	2015.6.19	
		ST2000VX004		V3.0.6build 140526	2015.6.19	
		ST2000VX003		V3.0.6build 140526	2016.4.18	
		ST2000VM002		V3.0.5 Build 140508	2014.6.23	
		ST2000VX000		V3.0.5 Build 140508	2014.6.23	
	1T	ST1000VX005		V3.0.6build 140526	2016.10.10	
		ST1000VX003		V3.0.6build 140526	2015.6.19	
		ST1000VX002		V3.0.6build 140526	2015.6.19	
		ST1000VX000		V3.0.5 Build 140508	2014.6.23	
		ST1000VM002		V3.0.5 Build 140508	2014.6.23	
		ST1000VX001		V3.0.6build 140526	2016.4.18	
<b>Type</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>
	6T	WD60PURX-78T0ZY1		V3.4.95 build 170626	2017.7.14	
	6T	WD60PURX-64T0ZY1		V3.4.95 build 170626	2017.7.14	
	6T	WD60PURX-78LZMY0		V3.4.6build 160405	2016.8.12	
	6T	WD60PURX-64LZMY0		V3.4.6build 160405	2016.8.12	
	4T	WD40PURX		V3.0.5 Build 140508	2014.6.23	
	3T	WD30PURX		V3.0.5 Build 140508	2014.6.23	
		WD30EURS		V3.0.5 Build 140508	2014.6.23	
	2T	WD20PURX		V3.0.5 Build 140508	2014.6.23	
		WD20EURS		V3.0.5 Build 140508	2014.6.23	
	1T	WD10PURX		V3.0.5 Build 140508	2014.6.23	
		WD10EURX		V3.0.5 Build 140508	2014.6.23	
	500G	WD05PURZ-85U8XY0		V3.0.5 Build 140508	2015.6.30	
<b>Type</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>
	5T	MD04ABA500V		all	2014.12.30	
	4T	MD04ABA400V		all	2014.12.30	
		MD03ACA400V		all	2014.8.18	

	3T	MD03ACA300V		all	2014.8.18	
	2T	MD03ACA200V		all	2014.8.18	
<b>Type</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>
	4T	HUS724040ALA640		V3.0.1 Build 140310	2014.9.30	

**[NVR] DS-71NI-SL & DS-76NI-SE & DS-76NI-V**

Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV
	4T	ST4000VX002		all	2015.6.19	
		ST4000VM000		all	2014.1.21	
	3T	ST3000VX006		all	2016.4.18	
		ST3000VX005		all	2015.6.19	
		ST3000VX004		all	2015.6.19	
		ST3000VX000-9YW1		all		
	2T	ST2000VX005		all	2015.6.19	
		ST2000VX004		all	2015.6.19	
		ST2000VX003		all	2016.4.18	
		ST2000VX000-9YW1		all		
		ST2000VX002-1AH1		all		
		ST2000VM003-1CT1		all		
	1T	ST1000VX003		all	2015.6.19	
		ST1000VX002		all	2015.6.19	
		ST1000VX001		all	2016.4.18	
		ST1000VM002-9ZL1		all		
		ST31000322CS		all		
		ST1000VX000-9YW1		all		
		ST31000526SV		all		
	500G	ST3500410SV		all		
		ST3500411SV		all		
	250G	ST3250312CS		all		
		ST3250310SV		all		

		ST3250820SV		all		
<b>Type</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>
	4T	WD40PURX-64GVNY0		all		
	3T	WD30PURZ-85GU6Y0		all		
	2T	WD20PURZ-85GU6Y0		all		
		WD20EURS-63S		all		
	1T	WD10PURX-64D85Y0		all		
		WDC WD10EVDS-63U		all		
	500G	WD5000AVVS-6		all		
		WD05PURZ-85U8XY0		all	2015.6.30	
<b>Type</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>
	2T	Hitachi HUA72202		all		
<b>Type</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>
	2T	SAMSUNG HD204UI		all		
<b>Type</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>R V</b>
	5T	MD04ABA500V		all	2014.12.30	
	4T	MD04ABA400V		all	2014.12.30	
		MD03ACA400V		all	2014.8.18	
	3T	MD03ACA300V		all	2014.8.18	
	3T	DT01ABA300V		all	2013.8.23	
	2T	MD03ACA200V		all	2014.8.18	
	2T	DT01ABA200V		all	2013.8.23	
	1T	DT01ABA100V		all	2013.8.23	
<b>Type</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>
	4T	HUS724040ALA640		V3.0.1 Build 140310	2014.9.30	

**[NVR] DS-76NI-E1/A & DS-71NI-E1/V/W**

HDD Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV
WD 1TB		WD10JUCT		all		
WD 500G		WD5000LUCT		all		
Toshiba 1TB		MQ01ABD100V		all		
Toshiba 500G		MQ01ABD050V		all		

**[NVR] DS-76NI-G(SSD NVR)**

Drive Type	Capacity	Drive Brand	Old Model	Drive Model	Update time	RV
SSD		Intel 240G		DC S3500 240G 2.5		
		Intel 480G		DC S3500 480G 2.5		
		Samsung 480G		MZWD480HCGM		
		Apacer 256G		APS25H12256G-1TM		
		Kingston 240G		SV300S37A/240G		
		Kingston 480G		SV300S37A/480G		
		Kingston Enterprise 240G		SKC300S37A/240G		
		Kingston Enterprise 480G		SKC300S37A/480G		
HDD		Toshiba 500G		HDKEB03Z2A01		
		Toshiba 1T		HDKBB96Z2A01		
		Toshiba 500G		MQ01ABD050V		
		Toshiba 1T		MQ01ABD100V		
		WD 500G		WD5000LUCT		
		WD 1T		WD10JUCT		

**[NVR] DS-76 77 86 96NI-ST/-ST/-XT**

HDD Series	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV
	6T	ST6000VX0023		Netra (not enable raid)	2016.10.10	

		ST6000VX0003		Netra (not enable raid)	2016.09.26	
Seagate 6000GB	<b>6T</b>	ST6000VX0011		Only DS-9xxx Series support these HDDs	2015.6.19	
Seagate 6000GB		ST6000VX0001			2015.04.27	
Seagate 5000GB	<b>5T</b>	ST5000VX0011			2015.6.19	
Seagate 5000GB		ST5000VX0001			2015.04.27	
Seagate Video 3.5 HDD 4000GB	<b>4T</b>	ST4000VX007		Netra (not enable raid)	2016.10.10	
		ST4000VM000		all	2013.6.26	
		ST4000VX002		all	2015.6.19	
		ST4000VX000		all	2014.6.23	
Seagate Video 3.5 HDD 3000GB Seagate SV35.7™ 3000GB Seagate SV35™ 3000GB	<b>3T</b>	ST3000VX006		all	2016.4.18	
		ST3000VX010		Netra (not enable raid)	2016.10.10	
		ST3000VX005		all	2015.6.19	
		ST3000VX004		all	2015.6.19	
		ST3000VM002		all	2013.6.26	
		ST3000VM002		all	2014.6.23	
		ST3000VX000		all	2013.1.18	
		ST3000VX000		all	2012.3.8	
Seagate SV35.7™ 2000GB Seagate SV35™ 2000GB Seagate Pipeline 2000GB Seagate SV35.5™ 2000GB	<b>2T</b>	ST2000VX008		Netra (not enable raid)	2016.10.10	
		ST2000VX005		all	2015.6.19	
		ST2000VX004		all	2015.6.19	
		ST2000VX003		all	2016.4.18	
		ST2000VX000		all	2013.1.18	
		ST2000VX000		all	2012.3.8	
		ST2000VM002		all		
		ST2000VM003		all	2014.6.23	
		ST2000VX002(SATAIII)		all		
	ST2000NM0055		V3.4.1build151225	2017.3.15		
Seagate SV35.7™ 1000GB Seagate SV35™ 1000GB Seagate Pipeline HD™1000GB	<b>1T</b>	ST1000VX005		Netra (not enable raid)	2016.10.10	
		ST1000VX003		all	2015.6.19	
		ST1000VX002		all	2015.6.19	
		ST1000VX001		all	2016.4.18	



Seagate SV35.5™ 1TB		ST1000VX000		all	2013.1.18	
Seagate SV35.5 1000 Gbytes		ST1000VX000		all	2012.3.8	
Seagate SV35.3 1000 Gbytes		ST1000VM002		all		
Seagate Barracuda ES.2 1000 Gbytes		ST1000VM002		all	2014.6.23	
Seagate Pipeline HD2 1000 Gbytes		ST31000526SV(SATAIII)		all		
		ST31000525SV		all		
		ST31000340SV, P/N:9DM158-901		all		
		ST31000340NS		all		
		ST31000322CS		all		
		ST1000NM0055		V3.4.1build151225	2017.3.15	
Seagate SV35.2 750 Gbytes SATA (+5V +12V, 0.52A 0.72A)	<b>750G</b>	ST3750640SV, P/N:9DC148-901, Firmware:3.ACE		all		
Seagate SV35.3 750 Gbytes		ST3750330SV, P/N:9DM156-901		all		
	<b>500G</b>	ST3500411SV(SATAIII)		all		
Seagate SV35.5™ 500G		ST3500630SV, P/N:9DC146-901, Firmware:3.ACE		all		
Seagate SV35.2 500 Gbytes (+5V +12V, 0.52A 0.72A)		ST3500320SV, P/N:9DM154-901		all		
Seagate SV35.3 500 Gbytes		ST3500321CS		all		
Seagate PipelineHD 500 Gbytes		ST3500312CS		all		
Seagate Pipeline HD2 500 Gbytes		ST3500410SV		all		
Seagate SV35.5 500 Gbytes		ST3500641SV, P/N:9CS148-501, Firmware:3.01		all		
Seagate SV35.1 500 Gbytes (+5V +12V, 0.46A 0.56A)						
Seagate SV35.2 320 Gbytes (+5V +12V, 0.72A 0.52A) SATA	<b>320G</b>	ST3320620SV, P/N:9DC14G-901, Firmware:3.ACE		all		
Seagate SV35.4 320 Gbytes						

		ST3320410SV		All		
Seagate SV35.1 250G SATA Seagate SV35.2 250 Gbytes (+5V +12V, 0.52A 0.72A) Seagate SV35.3 250G Seagate SV35.5 250 Gbytes	<b>250G</b>	ST3250824SV		All		
		ST3250820SV, P/N:9DC13E-901, Firmware:3.ACE		All		
		ST3250310SV, P/N:9FD132-901, Firmware:3.ACC		All		
		ST3250311SV		All		
<b>HDD Series</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>
WD60PURX-64LZMY0	<b>6T</b>	WD60PURX-64LZMY0		Only DS-9xxx Series support these HDDs.	2015.1.29	
WD60PURX-78LZMY0	<b>6T</b>	WD60PURX-78LZMY0			2015.1.29	
WD60EJRX	<b>6T</b>	WD60EJRX				
WD60PURZ	<b>6T</b>	WD60PURZ				
WD50PURX-64LZMY0	<b>5T</b>	WD50PURX-64LZMY0			2015.1.29	
WD50PURX-78LZMY0	<b>5T</b>	WD50PURX-78LZMY0			2015.1.29	
WD40PURX WD AV	<b>4T</b>	WD40PURX	WD40EURX-64WRWY0	all	2014.4.7	
WD40PURX WD AV	<b>4T</b>	WD40EJRX				
WD40PURX WD AV	<b>4T</b>	WD40PURZ				
WD30PURX WD AV	<b>3T</b>	WD30PURX	WD30EURX-63T0FY0	all	2014.1.21	
WD30PURX WD AV	<b>3T</b>	WD30EJRX	WD30EURX-64HYZY0	all	2014.1.21	
WD30PURX WD AV	<b>3T</b>	WD30PURZ	WD30EURX-78T0FY0 WD30EURS-63SPKY0 WD30EURS-63R8UY0	all	2014.1.21	

WD20PURX WD AV	<b>2T</b>	WD20PURX	WD20EURX-63T0FY0	all		
WD20PURX WD AV	<b>2T</b>	WD20EJRX	WD20EURX-64HYZY0	all		
WD20PURX WD AV	<b>2T</b>	WD20PURZ	WD20EURX-78T0FY0 WD20EURS-63SPKY0 WD20EVDS-63T3B0 WD20EURS-63Z9B1 WD20EURS-63S48Y0	all	2014.4.7	
WD15EVDS WD AV-GP	<b>1.5T</b>	WD15EVDS-63V9B0		all		
WD15EURS WD AV-GP	<b>1.5T</b>	WD15EURS-63S48Y0		all		
WD10PURX WD AV	<b>1T</b>	WD10PURX-64D85Y0	WD10EURX-63FH1Y0	all	2014.4.7	
WD10PURX WD AV	<b>1T</b>	WD10PURX	WD10EVCS-63ZLB0	all		
WD10PURX WD AV	<b>1T</b>	WD10EJRX	WD10EVCS-63E0B1 WD10EVVS-63E1B1 WD10EVDS-63N5B1 WD10EVVS-63M5B0 WD10EURS-630AB1	all		
WD7500AVCS WD AV-GP	<b>750G</b>	WD7500AVCS-63ZLB0		all		
WD7500AVCS WD AV-GP	<b>750G</b>	WD7500AVCS-63E0B1		all		

WD7500AVVS WD AV-GP	<b>750G</b>	WD7500AVVS-63E1B1		all	
	<b>500G</b>	WD05PURZ-85U8XY0		all	2015.6.30
WD5000AUDX WD AV-GP	<b>500G</b>	WD5000AUDX-63WNHY0		all	2012.4.1
WD5000YS WD Caviar RE2	<b>500G</b>	WD5000YS-01MPB0		all	
WD5000AVJS WD AV	<b>500G</b>	WD5000AVJS-63YJAO		all	
WD5000AVVS WD AV-GP	<b>500G</b>	WD5000AVVS-63ZWB0		all	
WD5000AVCS WD AV-GP	<b>500G</b>	WD5000AVCS-63H1B1		all	
WD5000AVVS WD AV-GP	<b>500G</b>	WD5000AVVS-63H0B1		all	
WD5000AVVS WD AV-GP	<b>500G</b>	WD5000AVVS-63M8B0		all	
WD5000AVDS WD AV-GP	<b>500G</b>	WD5000AVDS-63U7B0		all	
WD6400AVVS WD AV-GP	<b>500G</b>	WD6400AVVS-63H0B1		all	
WD6400AVCS WD AV-GP	<b>500G</b>	WD6400AVCS-63H1B1		all	
WD4000YS WD Caviar RE2	<b>400G</b>	WD4000YS-01MPB0		all	
WD4000YR WD Caviar RE2	<b>400G</b>	WD4000YR-01PLB0		all	
WD3200AVJS WD AV	<b>320G</b>	WD3200AVJS-63WDA0		all	
WD3200AVJS WD AV	<b>320G</b>	WD3200AVJS-63B6A0		all	
WD3200AVVS WD AV-GP	<b>320G</b>	WD3200AVVS-63L2B0		all	
WD2500YS WD Caviar SE16	<b>250G</b>	WD2500YS-01SHB0		all	
WD2500AVJS WD AV	<b>250G</b>	WD2500AVJS-63WDA0		all	
WD2500AVJS WD AV	<b>250G</b>	WD2500AVJS-63B6A0		all	
WD3200YS WD Caviar RE16	<b>250G</b>	WD3200YS-01PGB0		all	
WD1600YS WD Caviar RE16	<b>160G</b>	WD1600YS-01SHB0		all	
<b>HDD Series</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>
HITACHI CinemaStar 500GB	<b>500G</b>	HCP725050GLA380		all	
HITACHI CinemaStar 500GB		HCS545050GLA380		all	

Capacity		HDD Series	HDD Model	Old Model	DVR Firmware	Update time
1.5T			HD154UI/CE		all	
1T			HA101UJ/CE		all	
			HD103SI/CEC		all	
750G			HA751LJ		all	
500G			HA500LJ/CE		all	
			HD502HI/CEC		all	
Type	Capacity		HDD Model	Old Model	DVR Firmware	Update time
	6T		MG04ACA600E		Supported on DS-9600NI-ST , DS-9600NI-XT, DS-8600NI-ST, (RAID)	2016.09.26
	5T		MD04ABA500V		all	2014.12.30
	4T		MD04ABA400V		all	2014.12.30
				MD03ACA400V		all
	3T		MD03ACA300V		all	2014.8.18
	3T		DT01ABA300V		all	2013.8.23
	2T		MD03ACA200V		all	2014.8.18
	2T		DT01ABA200V		all	2013.8.23
	1T		DT01ABA100V		all	2013.8.23
Type	Capacity		HDD Model	Old Model	DVR Firmware	Update time
	4T		HUS724040ALA640		V3.0.1 Build 140310	2014.9.30

[NVR] DS-96000NI-E & DS-96000NI-F

DS-96128NI-E16(/H), DS-96128NI-E24(/H)DS-96256NI-E16(/H), DS-96256NI-E24(/H) DS-96128NI-F16(/H), DS-96128NI-F24(/H)DS-96256NI-F16(/H), DS-96256NI-F24(/H)						
The compatible HDD list below is based on that soft raid is enabled.						
Seagate						
HDD Type	6T	HDD Model	Old Model	DVR Firmware	Update time	RV
Surveillance HDD Enterprise HDD	4T	ST6000VX0003		all	2016.09.26	
Enterprise HDD		ST6000VN0011		V3.0.2 build140827	2015.6.19	
Enterprise HDD		ST6000NM0024		all	2014.6.23	
Enterprise HDD		ST6000VN0001		V3.0.2	2015.4.27	
Enterprise HDD	3T	ST4000NM0033		all		
Enterprise HDD		ST4000NM0024		all	2014.6.23	
Surveillance HDD		ST4000VX000		all	2014.6.23	
NAS HDD		ST3000VN000		V3.1.4 build140806	2014.9.11	
Enterprise HDD	2T	ST3000NM0005		V3.2.4 Build 150616	2017.3.15	
NAS HDD	1T	ST2000VN001		V3.0.2 build140827	2015.6.19	
Enterprise HDD		ST2000NM0033		all		
Surveillance HDD		ST2000VM0033		all		
Enterprise HDD		ST2000NM0055		V3.2.4 Build 150616	2017.3.15	
NAS HDD		ST2000VN000		V3.1.4 build140806	2014.9.11	
Enterprise HDD		ST1000NM0033		all		
Enterprise HDD		ST1000NM0055		V3.2.4 Build 150616	2017.3.15	
WD						
HDD Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV
Surveillance HDD	6T	WD60PURX	WD60PURX-78T0ZY1	V3.3.1 Build151016	2017.7.14	
Surveillance HDD	6T	WD60EJRX	WD60PURX-64T0ZY1	V3.3.1 Build151016	2017.7.14	
Surveillance HDD	6T	WD60PURZ	WD6NPURX	V3.3.1 Build151016	2017.7.14	

Enterprise HDD	6T	HUS726T6TALE6L4	WD6002FRYZ-01WD5B0	V3.2.1 Build150507	2016.8.9	
Surveillance HDD	4T	WD40PURX	WD4NPURX	V3.0.2 build140827	2015.7.17	
Surveillance HDD	4T	WD40EJRX		V3.0.2 build140827	2015.7.17	
Surveillance HDD	4T	WD40PURZ		V3.0.2 build140827	2015.7.17	
Enterprise HDD	4T	HUS726T4TALE6L4	WD4002FYYZ-01B7CB0 WD4000FYYZ	V3.0.1 Build 140310	2014.8.11	
Surveillance HDD	3T	WD30PURX	WD30EURS	all		
Surveillance HDD	3T	WD30EJRX				
Surveillance HDD	3T	WD30PURZ		all		
Enterprise HDD	3T		WD3000F9YZ	V3.0.1 Build 140310	2014.8.11	
Surveillance HDD	2T	WD20PURX	WD20EURS	all		
Surveillance HDD	2T	WD20EJRX		V3.2.1 Build150507	2015.10.19	
Surveillance HDD	2T	WD20PURZ		V3.2.1 Build150507	2015.10.19	
Enterprise HDD	2T	HUS722T2TALA604	WD2004FBYZ-01YCBBO	V3.2.1 Build150507	2015.10.19	
Surveillance HDD	1T	WD10PURX	WD10EURX	all		
Surveillance HDD	1T	WD10EJRX		all		
Surveillance HDD	1T	WD10PURZ		all		
<b>TOSHIBA</b>						
<b>HDD Type</b>	<b>Capacity</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>
Server HDD	4T	MD03ACA400V		all	2014.4.17	
Server HDD		MG03ACA400		all	2014.4.17	
Server HDD	3T	MD03ACA300V		all	2014.4.17	
Server HDD		MG03ACA300		all	2014.6.23	
Server HDD	2T	MD03ACA200V		all	2014.4.17	
Server HDD		MG03ACA200		all	2014.4.17	
Other						
Enterprise HDD	6T	Hitachi HUS726060ALA640		V3.0.2	2015.4.27	
<b>The compatible HDD list below is based on that soft raid is not enabled.</b>						
<b>Seagate</b>						

HDD Type	Capacity	HDD Model	Old Model	DVR Firmware	Update time	RV
Surveillance HDD	6T	ST6000VX0011		V3.0.2build140827	2015.6.19	
Surveillance HDD		ST6000VX0001		V3.0.2	2015.4.27	
Surveillance HDD	5T	ST5000VX0011		V3.0.2build140827	2015.6.19	
Surveillance HDD		ST5000VX0001		V3.0.2	2015.4.27	
Surveillance HDD	4T	ST4000VX002		V3.0.2build140827	2015.6.19	
Surveillance HDD		ST4000VX000		all	2014.6.23	
Surveillance HDD	3T	ST3000VX005		V3.0.2build140827	2015.6.19	
Surveillance HDD		ST3000VX004		V3.0.2build140827	2015.6.19	
Surveillance HDD		ST3000VM002		all		
Surveillance HDD		ST3000VX000		V3.0.1 Build 140310	2014.8.11	
Surveillance HDD	2T	ST2000VX005		V3.0.2build140827	2015.6.19	
Surveillance HDD		ST2000VX004		V3.0.2build140827	2015.6.19	
Surveillance HDD		ST2000VX003		all	2016.4.18	
Surveillance HDD		ST2000VM003		all		
		ST2000VX000		all		
Surveillance HDD	1T	ST1000VX003		all	2015.6.19	
Surveillance HDD		ST1000VX002		all	2015.6.19	
Surveillance HDD		ST1000VX001		all	2016.4.18	
Surveillance HDD		ST1000VM002		all		
		ST1000VX000		all		

**WD**

HDD Type	Capacity	HDD Model	Old model	DVR Firmware	Update time	RV
Surveillance HDD	6T	WD60PURX-64LZMYO	WD60PURX-64LZMYO	all	2015.1.29	
Surveillance HDD	6T	WD60PURX-78LZMYO		all	2015.1.29	
Surveillance HDD	6T	WD60EJRX		all		
Surveillance HDD	6T	WD60PURZ		all		
Surveillance HDD	5T		WD50PURX-64LZMYO	all	2015.1.29	
Surveillance HDD	5T		WD50PURX-78LZMYO	all	2015.1.29	



Surveillance HDD	4T	WD40PURX		V3.0.1 build 140310	2014.6.25	
Surveillance HDD	4T	WD40EJRX		all		
Surveillance HDD	4T	WD40PURZ		all		
Surveillance HDD	3T	WD30PURX	WD30EURS WD30EURX	V3.0.1 build 140310	2014.6.25	
Surveillance HDD	3T	WD30EJRX		V3.0.1 build 140310	2014.6.25	
Surveillance HDD	3T	WD30PURZ		V3.0.1 build 140310	2014.6.25	
Surveillance HDD	2T	WD20PURX	WD20EURS	V3.0.1 build 140310	2014.6.25	
Surveillance HDD	2T	WD20EJRX		V3.0.1 build 140310	2014.6.25	
Surveillance HDD	2T	WD20PURZ		V3.0.1 build 140310	2014.6.25	
Surveillance HDD	1T	WD10PURX	WD10EURS WD10EURX	V3.0.1 build 140310	2014.6.25	
Surveillance HDD	1T	WD10EJRX		V3.0.1 build 140310	2014.6.25	
Surveillance HDD	1T	WD10PURZ		V3.0.1 build 140310	2014.6.25	
Surveillance HDD	500G	WD05PURZ-85U8XY0		V3.0.2 build 140915	2015.6.30	
Enterprise HDD	4T	HUS726T4TALA6L4	HUS724040ALA640	V3.0.1 Build 140310		
<b>TOSHIBA</b>						
<b>HDD Type</b>	<b>Capacity</b>	<b>HDD Model</b>		<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>
Surveillance HDD	5T	MD04ABA500V		all	2014.12.30	
Surveillance HDD	4T	MD04ABA400V		all	2014.12.30	
Server HDD		MD03ACA400V		all	2014.8.18	
Server HDD	3T	MD03ACA300V		all	2014.8.18	
Server HDD	2T	MD03ACA200V		all	2014.8.18	
<b>Hitachi</b>						
<b>HDD Type</b>	<b>Capacity</b>	<b>HDD Model</b>		<b>DVR Firmware</b>	<b>Update time</b>	<b>RV</b>
Enterprise HDD	4T	HUS724040ALA640		V3.0.1 Build 140310	2014.9.30	

[NVR] DS-96NI-XT(RAID)

HDD Type	Capacity (TB)	HDD Model	Old Model	Compatibility with Hardware Raid Model(-RT Model)	Compatibility with Software Raid Model(-XT -ST Model)	Test Notes	Update time	RV
Enterprise	6	HUS726T6TALE6L4	WD6002FRYZ-01WD5B0	Compatible	Compatible	V3.4.1build151225		
Enterprise	4	HUS726T4TALE6L4	WD4002FYYZ-01B7CB0	Compatible	Compatible	V3.4.1build151225		
	6	WD60PURX	WD6NPURX	Not Verified	Compatible	V3.3.4 build 150616		
	6	ST6000VN0011		Compatible	Compatible	Add in 2015.6.19		
Enterprise	6	ST6000VN0001		Compatible	Compatible	Verified in firmware V3.2.0		
Enterprise	6	HUS726060ALA640		Compatible	Compatible	Verified in firmware V3.2.0		
Enterprise	2	HUS722T2TALA604	WD2000F9YZ WD2004FBYZ-01YCBBO	Compatible	Compatible	Verified in firmware V3.1.4 build140729		

Enterprise	3	HUS726T4TALE6L4	WD3000F9YZ	Compatible	Compatible	Verified in firmware V3.1.4 build140729		
Enterprise	4	HUS726T4TALE6L4	WD4000F9YZ	Compatible	Compatible	Verified in firmware V3.1.4 build140729		
	4	WD40PURX	WD4NPURX	Not Verified	Compatible	V3.3.4 build 150616		
	2	ST2000VN001		Compatible	Compatible	Add in 2015.6.19		
NAS HDD	2	ST2000VN000		Compatible	Compatible	Verified in firmware V3.1.4 build140729		
NAS HDD	3	ST3000VN000		Compatible	Compatible	Verified in firmware V3.1.4 build140729		
HDD Type	Capacity (TB)	HDD Model	Old Model	Compatibility with Hardware Raid Model (-RT Model)	Compatibility with Software Raid Model(DS-9600NI-XT)	Notes	Update time	RV
Enterprise	4	HUS726T4TALE6L4	WD4000F9YZ	Compatible	Compatible	N/A		
Enterprise	3	HUS726T4TALE6L4	WD3000F9YZ	Compatible	Compatible	N/A		
Enterprise	4	HUS726T4TALE6L4	WD4000FYYZ	Compatible	Compatible	N/A		
Enterprise	3	HUS726T4TALE6L4	WD3000FYYZ	Compatible	Compatible	N/A		
Enterprise	2	HUS722T2TALA604	WD2003FYYS	Compatible	Compatible	N/A		
Enterprise	2	HUS722T2TALA604	WD2000FYYZ	Compatible	Compatible	N/A		
Surveillance	3	WD30EURS	WD30EURS	Not Recommended	Compatible	N/A		

Surveillance	3	WD30EURX	WD30EURX	Not Recommended	Compatible	N/A		
Surveillance	2	WD20EURS	WD20EURS	Not Recommended	Compatible	N/A		
Surveillance	2	WD20EURX	WD20EURX	Not Recommended	Compatible	N/A		
Enterprise	3	ST3000NC002		Compatible	Compatible	N/A		
Enterprise	2	ST2000NC001		Compatible	Compatible	N/A		
Enterprise	4	ST4000NM0033		Compatible	Compatible	N/A		
Enterprise	3	ST3000NM0033		Compatible	Compatible	N/A		
Enterprise	2	ST2000NM0033		Compatible	Compatible	N/A		
Enterprise	1	ST1000NM0033		Compatible	Compatible	N/A		
Enterprise	1	ST1000NM0011		Not tested	Compatible	N/A		
Enterprise	3	ST33000650NS		Compatible	Compatible	N/A		
Enterprise	2	ST32000645NS		Compatible	Compatible	N/A		
Enterprise	4	ST4000NM0024		Compatible	Compatible	N/A		
Enterprise	6	ST6000NM0024		Compatible	Compatible	N/A		
Surveillance	4	ST4000VX000		Not Recommended	Compatible	N/A		
Surveillance	3	ST3000VX000		Not Recommended	Compatible	N/A		
Surveillance	2	ST2000VX000		Not Recommended	Compatible	N/A		
Enterprise	4	HGST HMS5C4040BLE640		Compatible	Compatible	N/A		
Enterprise	4	HMS5C4040BLE640		Compatible	Compatible	N/A		
Server	2	MG03ACA200		Compatible	Compatible	N/A		
Server	3	MG03ACA300		Compatible	Compatible	N/A		
Server	4	MG03ACA400		Compatible	Compatible	N/A		
Server	2	MD03ACA200V		Compatible	Compatible	N/A		
Server	3	MD03ACA300V		Compatible	Compatible	N/A		
Server	4	MD03ACA400V		Compatible	Compatible	N/A		
<b>HDD Type</b>	<b>Capacity (TB)</b>	<b>HDD Model</b>	<b>Old Model</b>	<b>Compatibility with Hardware Raid Model(-RT DVR/NVR)</b>	<b>Compatibility with Software Raid Model(DS-</b>	<b>Notes</b>	<b>Update time</b>	<b>RV</b>

					9600NI-XT)			
Enterprise	4	HUS726T4TALE6L4	WD4000FYYZ	Compatible	Compatible	N/A		
Enterprise	3		WD3000FYYZ	Compatible	Compatible	N/A		
Enterprise	2	HUS722T2TALA604	WD2003FYYS	Compatible	Compatible	N/A		
Enterprise	2	HUS722T2TALA604	WD2002FYPS	Compatible	Compatible	N/A		
Enterprise	2	HUS722T2TALA604	WD2000FYYZ	Compatible	Compatible	N/A		
Enterprise	1	HUS722T1TALA604	WD1003FBYX	Compatible	Incompatible	During the software raid test, Raid 10 is not detected, HDD reading and writing speed is slow.		
Enterprise	4	ST4000NM0033		Compatible	Compatible	N/A		
Enterprise	3	ST3000NM0033		Compatible	Compatible	N/A		
Enterprise	2	ST2000NM0033		Compatible	Compatible	N/A		
Enterprise	2	ST2000NM0011		Incompatible	Compatible	During the hardware raid test, the raid array may fail after rebooting device.		
Enterprise	1	ST1000NM0033		Compatible	Compatible	N/A		
Enterprise	1	ST1000NM0011		Compatible	Compatible	N/A		
Enterprise	3	ST33000650NS		Incompatible	Compatible	During the hardware raid test,		

						the raid array may fail after rebooting device.		
Enterprise	2	ST32000645NS		Compatible	Compatible	N/A		
Enterprise	2	ST32000644NS		Compatible	Compatible	N/A		
Enterprise	1	ST31000524NS		Compatible	Incompatible	During the software raid test, the raid array may fail.		
Enterprise	4	HUS726T4TALE6L4	HUS724040ALA640	Compatible	Compatible	N/A		
Enterprise	3		HUS724030ALA640	Compatible	Compatible	N/A		
Enterprise	2	HUS722T2TALA604	HUS724020ALA640	Compatible	Compatible	N/A		
Enterprise	2	HUS722T2TALA604	HUS724020ALA640	Incompatible	Compatible	During the hardware raid test, the raid array may fail after rebooting device.		

# Appendix

## Update record

Date	Update content	Updated by															
20200901	<p>1. Adjust the document directory architecture to make the document clearer;</p> <p>2. Update four Western Digital AI disks as follows:</p> <table border="1" data-bbox="499 488 1404 812"><thead><tr><th data-bbox="499 488 651 552">Capacity</th><th data-bbox="651 488 857 552">SAP Code</th><th data-bbox="857 488 1404 552">Description</th></tr></thead><tbody><tr><td data-bbox="499 552 651 616">4T</td><td data-bbox="651 552 857 616">303800837</td><td data-bbox="857 552 1404 616">HDD,WD40HKAI-78,4T,7200,3.5",SATA</td></tr><tr><td data-bbox="499 616 651 679">6T</td><td data-bbox="651 616 857 679">303800838</td><td data-bbox="857 616 1404 679">HDD,WD60HKAI-78,6T,7200,3.5",SATA</td></tr><tr><td data-bbox="499 679 651 743">8T</td><td data-bbox="651 679 857 743">303800839</td><td data-bbox="857 679 1404 743">HDD,WD82HKAI-78,8T,7200,3.5",SATA</td></tr><tr><td data-bbox="499 743 651 812">10TB</td><td data-bbox="651 743 857 812">303800840</td><td data-bbox="857 743 1404 812">HDD,WD102HKAI-78,10T,7200,3.5",SATA</td></tr></tbody></table>	Capacity	SAP Code	Description	4T	303800837	HDD,WD40HKAI-78,4T,7200,3.5",SATA	6T	303800838	HDD,WD60HKAI-78,6T,7200,3.5",SATA	8T	303800839	HDD,WD82HKAI-78,8T,7200,3.5",SATA	10TB	303800840	HDD,WD102HKAI-78,10T,7200,3.5",SATA	Jadon.Lu
Capacity	SAP Code	Description															
4T	303800837	HDD,WD40HKAI-78,4T,7200,3.5",SATA															
6T	303800838	HDD,WD60HKAI-78,6T,7200,3.5",SATA															
8T	303800839	HDD,WD82HKAI-78,8T,7200,3.5",SATA															
10TB	303800840	HDD,WD102HKAI-78,10T,7200,3.5",SATA															
20201116	1.update about 100 HDD model numbers	Michael.Wang															
20210208	1.add 2 new hardware platform(K9B2) NVRs: 71Q(C);76Q(C) 2. update some new HDD model numbers;	Michael.Wang															
20210223	Update some new HDD models	Michael.Shi															
20210407	Delete all HDD models whose capacity is larger than 10 TB.	Michael.Shi															
20210709	Update some new HDD models	Michael.Shi															
20210818	Update some new HDD models	Michael.Shi															
20210910	Add DM SMR HDD list to indicate which models cannot be used for RIAD、Dual-VCA or Log	Michael.Shi															
20211215	Update some new HDD models	Michael.Shi															
20220113	Update some new HDD models for DVR	Michael.Shi															
20220214	Modify some HDD models for DVR	Michael.Shi															
20220518	1. Update some new HDD models for NVR & DVR. 2. Add new hardware platforms.	Michael.Shi															
20220606	Update new HDD models for DVR.	Michael.Shi															