Vendor	Grade	rpm	Series	Workload	Capacity	Model Gold	NVR7316 NVR7816			NVR7312 NVR7812			NVR5416		NVR5412 (NVR5408)		NVR5316		NVR3308 (NVR3304)		NVR3104	SMR8300		SMR5110	SMR2110		SMR2100
							~48ch	~96ch	~128ch	~48ch	~96ch	~128ch	~48ch	~96ch	~48ch	~96ch	~48ch	~64ch	~48ch	~64ch	~16ch	~48ch	~64ch	~32ch	~16ch	~32ch	~9ch
Toshiba	Surveillance	7200	MD06ACA-V	180TB/Y	10TB	MD06ACA10TV	V			V		X	V		V		-		V		V	V		-	-	-	-
					8TB	MD06ACA800V																					
					6TB	MD06ACA600V																					
			Sonance 1	180TB/Y	4TB	MD03ACA400V	V			V		X	V		V		V		V		V	V		V	V	X	V
					3TB	MD03ACA300V																					
					2TB	MD03ACA200V																					
		5400	Sonance 2	180TB/Y	5TB	MD04ABA500V	V	X		V	X		V	X	V	X	-	X	V	X	V	V	X	V	V	X	-
					4TB	MD04ABA400V																					
	Enterprise	7200	Galaxy	550TB/Y	8TB	MG05ACA800E	V			V			V		V		-		V		V	V		V	V		-
					6TB	MG05ACA600E																					
			Tomcat-R SATA	550TB/Y	6TB	MG04ACA600E	V			V			V		V		-		V		V	V		V	V		-
					5TB	MG04ACA50DE																					
					5TB	MG04ACA500E	V			V			-		-		-		-		-	-		-	-		-
					4TB	MG04ACA400E																					
					3TB	MG04ACA300E																					
					2TB	MG04ACA200E																					
			Tomcat SATA	550TB/Y	5TB	MG04ACA500E	V			V			V		V		-		V		V	-		-	-		-
					4TB	MG04ACA400E																					
					3TB	MG04ACA300E																					
					2TB	MG04ACA200E																					
					2TB	MG04ACA4002																					
			Harrier	550TB/Y	4TB	MG03ACA400	V			V			V		V		V		V		V	V		-	-		-
					3TB	MG03ACA300																					
					2TB	MG03ACA200																					
					1TB	MG03ACA100																					
Seagate	Surveillance SkyHawk	7200	Tatsu	180TB/Y	10TB	ST10000VX0004	V			V		X	V		V		-		V (*)		V (*)	V		V	V	X	-
			Makara+ SV	180TB/Y	8TB	ST8000VX0002 ST8000VX0022	V			V		X	V		V		-		V (*)		V (*)	-		-	-	X	-
			MakaraBP SV	180TB/Y	6TB	ST6000VX0003 ST6000VX0023	V			V		X	V		V		-		V		V	-		-	-	X	-
			SV35	180TB/Y	3TB	ST3000VX000	X			X			X		X		X		X		-	X		-	-	X	-
					2TB	ST2000VX000																					
					1TB	ST1000VX000																					
		5900	V9	180TB/Y	4TB	ST4000VX000 (2AG166-xxx) ST4000VX007 (2DT166-xxx)	V	X		V	X		V	X	V	X	-	X	V	X	V	-	X	-	-	X	-
					3TB	ST3000VX002 (2AG16L-xxx)																					
			Lombard	180TB/Y	4TB	ST4000VX000 (1F4168-xxx)	-	X		-	X		-	X	-	X	V	X	V	X	V	V	X	V	V	X	V
					3TB	ST3000VX002 (1F416R-xxx)																					
			Bacall BP2	180TB/Y	3TB	ST3000VX006 ST3000VX010	X			X			X		X		X		-	X	V	-	X	V	V	X	V
					2TB	ST2000VX003 ST2000VX008																					
	Enterprise	7200	MakaraBP	550TB/Y	8TB	ST8000NM0055	V			V			V		V		-		-		-	-		-	-		-
					6TB	ST6000NM0115	V			V			V		V		-		-		-	-		-	-		-
					4TB	ST4000NM0115																					
					2TB	ST2000NM0125																					
			Makara	550TB/Y	6TB	ST6000NM0024	V			V			V		V		V		V (*)		V (*)	V		-	-		-
					4TB	ST4000NM0024													V		V						
					2TB	ST2000NM0024																					
			MakaraLTE	550TB/Y	5TB	ST5000NM0024	-			-			-		-		V		V		V	-		-	-		-
			Constellation ES.3 (Megalodon)	550TB/Y	4TB	ST4000NM0033	V			V			V		V		V		-		-	-		-	-		-
					3TB	ST3000NM0033																					
					2TB	ST2000NM0033																					
					1TB	ST1000NM0033																					
			Constellation ES.2 (Mantaray)	550TB/Y	3TB	ST33000650SS	V			V			-		-		-		-		-	-		-	-		-
		5900	Terascale	300TB/Y	4TB	ST4000NC001	V	X		V	X		V	X	V	X	-	X	-	X	-	-	X	-	-		-
HGST	Enterprise	7200	UltraStar He10	219TB/Y @ 40'C	10TB	HUH721010ALE600 HUH721010ALE604	V			V			V		V		-		V (*)		V (*)	V		V	V		-
					8TB	HUH721008ALE600 HUH721008ALE604																					
			UltraStar He8	219TB/Y @ 40'C	8TB	HUH728080ALE600 HUH728080ALE604	V			V			V		V		V		V (*)		V (*)	V		-	-		-
					6TB	HUH728060ALE600 HUH728060ALE604																					
			Ultrastar 7K6000	219TB/Y @ 40'C	6TB	HUS726060ALE610 HUS726060ALE614	V			V			V		V		X		V		V	X		-	-		-
					5TB	HUS726050ALE610 HUS726050ALE614																					
					4TB	HUS726040ALE610 HUS726040ALE614																					
					2TB	HUS726020ALE610 HUS726020ALE614																					
			Ultrastar 7K4000	219TB/Y @ 40'C	4TB	HUS724040ALA640	-			-			-		-		V		V		V	V		-	-		-
					3TB	HUS724030ALA640																					
					2TB	HUS724020ALA640																					
	NAS	7200	Deskstar NAS	219TB/Y @ 40'C	6TB	HDN726060ALE610 HDN726060ALE614	-			-		X	-		-		-		V		V	-		-	-	X	-
					5TB	HDN726050ALE610 HDN726050ALE614																					
					4TB	HDN724040ALE640													X		V	V		V	V	X	
					3TB	HDN724030ALE640																					
WD	Surveillance	7200	Gold	<550TB/Y	12TB	WD121KRYZ	-			-			-		-		-		-		-	-		-	-		-
					10TB	WD101KRYZ	V			V			V		V		-		V (*)		V (*)	V		V	V		-
					8TB	WD8002FRYZ	V			V			V		V		V		V (*)		V (*)	V		-	-		-
					6TB	WD6002FRYZ	V			V			V		V		X		V		V	X					
					4TB	WD4002FYYZ																					
		5400	Purple NV	<180TB/Y	6TB	WD6NPURX	V	X		V	X		V	X	V	X	V	X	X		V	V	X	V	V	X	V
					4TB	WD4NPURX																					
			Purple	<100TB/Y	8TB	WD80PURX	X			X			X		X		X		X		X	X		X	X		X
					6TB	WD60PURX																					
					5TB	WD50PURX																					
					4TB	WD40PURX																					
					3TB	WD30PURX																					
					2TB	WD20PURX																					
					1TB	WD10PURX																					
	Enterprise	7200	RE	<550TB/Y	4TB	WD4000FYYZ	-			-			-		-		V		V		V	-		-	-		-
					3TB	WD3000FYYZ																					
					2TB	WD2000FYYZ																					
			SE	<180TB/Y	4TB	WD4000F9YZ	-			-			-		-		V		-		-	-	X	-	-	X	-
					3TB	WD3000F9YZ																					
					2TB	WD2000F9YZ																					
	NAS	7200	RED Pro	<180TB/Y	6TB	WD6001FFWX	-			-		X	-		-		-		X		V	-	X	-	-	X	-
					5TB	WD5001FFWX																					
					4TB	WD4001FFSX											V		X		V						
					3TB	WD3001FFSX																					
					2TB	WD2001FFSX																					
		5400	RED	<100TB/Y	6TB	WD60EFRX	X			X			X		X		X		X		V	X		X	-	X	-
					4TB	WD40EFRX																					
					3TB	WD30EFRX																					
					2TB	WD20EFRX																					
					1TB	WD10EFRX																					

Note:

1. This AVL list is ONLY based on full-loaded testing for each NVR model when all bays of this machine are inserted HDDs during testing. For other applications, please contact Surveon technical support for further information.
2. Higher camera channel number is recommended with higher workload HDD.
3. V: Supported; X: Not supported; - : Not tested yet; (*): Need new HDD bracket
4. Background in gray: End-of-Life HDD
5. Updated on 2018-04-18