

# Vess A2000 Series SR2.1 Compatibility List

Date: Dec 7<sup>th</sup>, 2017 Version: 1.1

#### **Vess A2000 Series Systems Covered:**

Vess A2600 /A2600s – 3U/16-bays NVR Storage Appliance
 Vess A2200 / A2200s – 2U/6-bays NVR Storage Appliance

#### **Systems Versions Covered:**

#### **DEVICE COMPATIBILITY NOTE:**

Basic compatibility between the 3rd party device and Promise device has been verified in typical configurations, unless otherwise stated.

The EOL of 3rd party device may not be in the current list, user can refer older version of Promise compatibility list to get those test result.

#### **DISCLAIMERS:**

Only the versions available at time of testing have been verified, as listed.

Corner cases may exist depending on user configuration etc.

Individual 3rd party units may exhibit problems that did not show up in through the Promise test process.

Published performance is not assured with configuration deviations.

Some listed devices may go EOL. AVL listing does not imply market availability.



**Document History** 

Date	Release Label	Release Version	Notes
April 29, 2013	FCS	First release Qualified some devices:  SATA Hard Drive: 17 models  OS: 2 sets  USB Flash Drive: 7 models.	
June 18, 2013	FCS	Based on first released compatibility list with new added disk drive devices:  SATA Hard Drive: 5 models	HUS724040ALA640 HUS724030ALA640 HUS724020ALA640 HMS5C4040ALE640 MG03ACA300
July 19, 2013	FCS	Based on last released compatibility list with new added disk drive devices: (blue and orange-color highlights)  SATA Hard Drive: 10 models	ST4000NM0033 ST3000NM0033 ST2000NM0033 ST1000NM0033 ST3000NC000 ST2000NC000 ST1000NC000 WD4000F9YZ WD3000F9YZ WD2000F9YZ
February 07, 2014	SR1	Based on last released compatibility list with new added software and devices: (blue and orange-color highlights)  New SATA Hard Drive: 6 models Firmware Update Hard Drive: 1 model Operating System: 1 model USB flash drive: 5 models Host Bus Adapter: 2 models Plug-in supported: 5 versions VMS Compatibility list: 7 versions.	HMS5C4040BLE640 HUA722010CLA330 ST4000NC001 ST4000NC000 WD5003ABYZ WD2503ABYZ
April 22, 2014	SR1	Based on last released compatibility list with new added software and devices: (blue and orange-color highlights)  New SATA Hard Drive: 3 models Firmware Update Hard Drive: 1 model	ST5000NM0024 WD1003FBYZ WD1002F9YZ
July 24, 2014	SR1.1	Based on last released compatibility list with new added software and devices: (blue and orange-color highlights)  New SATA Hard Drive: 10 models  USB Flash Drive: 4 models.  Host Bus Adapter: 2 models  External Graphics Card: 6 models  DVR Add-in Card: 1 model  OS: 8 sets  VMS Compatibility list: 3 versions	ST4000VX000 ST3000VX002 MG04ACA500E MG04ACA400E MG04ACA300E MG04ACA200E MC04ACA500E MC04ACA400E MC04ACA300E MC04ACA200E
December 15, 2014	SR1.1	Based on last released compatibility list with new added software and devices: (blue and orange-color highlights)	



	ı		
		<ul> <li>Update hard drive firmware: 4 models</li> </ul>	
		Based on last released compatibility list with	ST6000VX0001
		new added software and devices: (blue and	ST5000VX0001
February	CD1 2	orange-color highlights)	ST8000AS0002
11, 2015	SR1.2	<ul> <li>Update hard drive firmware: 1 model</li> </ul>	ST6000AS0002
		New SATA Hard Drive: 4 models	
		<ul> <li>VMS Compatibility list: 1 version</li> </ul>	
		Based on last released compatibility list with	
		new added software and devices: (blue and	
March 24,	SR1.2	orange-color highlights)	
2015	0	<ul> <li>VMS Compatibility list: 4 version</li> </ul>	
		New External Graphics Card: 1 model	
		Based on last released compatibility list with	MG04ACA600E
April 30,		new added software and devices: (blue and	IVIGOTACAGOOL
2015	SR1.2	<u> </u>	
2015		<ul><li>orange-color highlights)</li><li>New SATA Hard Drive: 1 model</li></ul>	
			NADOAADAEOOV
		Based on last released compatibility list with	MD04ABA500V
September	CD4 2	new added software and devices: (blue and	
2, 2015	SR1.2	orange-color highlights)	
•		New SATA Hard Drive: 1 model	
		VMS Compatibility list: 1 version	
		Based on last released compatibility list with	WD60PURX
	SR1.3	new added software and devices: (blue and	WD50PURX
December		orange-color highlights)	WD40PURX
2, 2015		New SATA Hard Drive: 7 model	WD30PURX
2, 2013			WD20PURX
			WD10PURX
			WD05PURX
		Based on last released compatibility list with	HUH728080ALE600
January 21,	SR1.3.2	new added software and devices: (blue and	HUH728060ALE600
2016	31(1.3.2	orange-color highlights)	ST8000VX0002
		<ul> <li>New SATA Hard Drive: 3 model</li> </ul>	
		Based on last released compatibility list with	HUS726060ALE610
Apr 12		new added software and devices: (blue and	HUS726050ALE610
Apr 13, 2016	SR1.3.2	orange-color highlights)	HUS726040ALE610
2010		<ul> <li>New SATA Hard Drive: 4 model</li> </ul>	HUS726020ALE610
		<ul> <li>VMS Compatibility list: 4 version</li> </ul>	
		Based on last released compatibility list with	Update firmware:
		new added software and devices: (blue and	HUH728080ALE600
		orange-color highlights)	HUH728060ALE600
July 1,	SR1.3.2	<ul> <li>Update hard drive firmware: 3 model</li> </ul>	MG04ACA600E
2016	<b>_</b>	New SATA Hard Drive: 2 model	New Hard Drive:
			HUS726060ALA640
			WD4NPURX
		Based on last released compatibility list with	Update firmware:
		new added software and devices: (blue and	ST4000NM0033
		orange-color highlights)	ST3000NM0033
Oct 11,	SR1.3.2	<ul><li>Update hard drive firmware: 9 model</li></ul>	ST2000NM0033
2016	301.3.2	New SATA Hard Drive: 5 model	ST1000NM0033
		New SATA Hard Drive. 5 model	
			ST5000NM0024
			HUS726060ALE610



			HUS726050ALE610 HUS726040ALE610 HUS726020ALE610 New Hard Drive: ST6000NM0024 ST6000NM0115 MG05ACA800E MG05ACA600E ST10000VX0004
Jun 1, 2017	SR2.0	Based on last released compatibility list with new added software and devices: (blue and orange-color highlights)  Update hard drive firmware: 5 models  New SATA Hard Drive: 4 models	Update firmware: HUS724040ALE640 HUS724030ALE640 HUS724020ALE640 MG05ACA800E MG05ACA600E New Hard Drive: WD8002FRYZ WD6002FRYZ ST6000VX0023 ST4000VX007
Jun 30, 2017	SR2.0	Based on last released compatibility list with new added software and devices: (blue and orange-color highlights)  New SATA Hard Drive: 3 models  NAND Flash: 2 models	ST3000VX010 ST2000VX008 ST1000VX005
Sep 12, 2017	SR2.0	Based on last released compatibility list with new added software and devices: (blue and orange-color highlights)  New SATA Hard Drive: 4 models	HUH721010ALE600 HUH721008ALE600 ST10000NM0016 ST8000NM0016
Sep 25, 2017	SR2.1	Based on last released compatibility list with new added software and devices: (blue and orange-color highlights)  OS: 3 sets  External Graphics Card: 1 model  VMS Compatibility list: 1 version	
Sep 27, 2017	SR2.1	Modify the description of OS Compatibility.	
Dec 7,2017	SR2.1	Based on last released compatibility list with new added software and devices: (blue and orange-color highlights)  • VMS Compatibility list: 1 version	



## 1. SATA Hard Drives

Vendor	Family	Model	Capacity	Firmware	Buffer	Drive Transfer Rate	Form Factor	RPM
		HUS724040ALE640	4TB	MJAOA3B0	64MB	6Gb/s	3.5"	7200
				A580				
		HUS724030ALE640	3ТВ	MJAOA3B0	64MB	6Gb/s	3.5"	7200
				A580				
	Ultrastar 7K4000	HUS724020ALE640	2TB	MJAOA3B0	64MB	6Gb/s	3.5"	7200
		*1		A580	6 4 4 4 5	c <b>c</b> 1	o ="	
		HUS724040ALA640*1		MFAOAA70		6Gb/s	3.5"	7200
		HUS724030ALA640*1	3TB	MFAOAA70	64MB	6Gb/s	3.5"	7200
		HUS724020ALA640*1	2TB	MFAOAA70	64MB	6Gb/s	3.5"	7200
		HUS726060ALE610	6ТВ	APGNT7J0 APGNT907	128MB	6Gb/s	3.5"	7200
				APGNT7J0		6Gb/s	0.5"	7200
		HUS726050ALE610	5TB	APGNT907	128MB		3.5"	
	Ultrastar 7K6000	HUS726040ALE610	4TB	APGNT7J0	400145	601/	2 5"	7200
HGST				APGNT907	128MB	6Gb/s	3.5"	7200
		HUS726020ALE610	2TB	APGNT7J0	420145	CCh /a	2 5"	
				APGNT907	128MB	6Gb/s	3.5"	7200
		HUA723030ALA640	3ТВ	MKAOAA10	64MB	6Gb/s	3.5"	7200
	Ultrastar 7K3000	HUA723020ALA640	2TB	MK7OA5C0	64MB	6Gb/s	3.5"	7200
	MegaScale 4000	HMS5C4040ALE640	4TB	MPAOA3W0	64MB	6Gb/s	3.5"	5700
	MegaScale DC 4000.B	HMS5C4040BLE640*1	4TB	MPAOA5D0	64MB	6Gb/s	3.5"	5700
	Ultrastar A7K2000	HUA722010CLA330*1	1TB	JP4OA3EA	32MB	3Gb/s	3.5"	7200
		HUH728080ALE600	8TB	A4GNT7J0	128MB	6Ch/s	3.5"	7200
	Ultrastar He8	HUH728080ALE000	оть	A4GNT907	120IVID	ogb/s	3.3	7200
	Oltrastar Heo	HUH728060ALE600	6ТВ	A4GNT7J0	128MB	6Gh/s	3.5"	7200
		HOH728000ALE000	OIB	A4GNT907	IZOIVID	odb/s	5.5	7200
	Ultrastar He6	HUS726060ALA640	6ТВ	AHGNT1EL	64MB	6Gb/s	3.5"	7200
	Ultrastar He10	HUH721010ALE600	10TB	LHGNT21D	256MB	6Gb/s	3.5"	<b>7200</b>
	Oltrastal Field	HUH721008ALE600	8TB	LHGNT21D	256MB	6Gb/s	3.5"	7200
		ST4000NM0033	4TB	SN04	128MB	6Gh/s	3.5"	7200
		314000INIVIOUSS	410	SN06	TZOIVID	odu/s	ر.ی	7200
Seagate	Constellation ES.3	ST3000NN/0033	3ТВ	SN04	128MB	6Gh/s	2 5"	7200
Jeagate	Constellation ES.3	ST3000NM0033	315	SN06	TEOIVID	סטט/\$	3.5"	
		ST2000NM0033	2TB	SN04	1281/10	6Gh/s	3.5"	7200
			210	SN06	TZOIVID	6Gb/s	٥.٥	7200



				SN04				
		ST1000NM0033	1TB	SN06	128MB	6Gb/s	3.5"	7200
	0	ST33000650NS	3ТВ	0001	64MB	6Gb/s	3.5"	7200
(	Constellation ES.2	ST32000645NS	2TB	0001	64MB	6Gb/s	3.5"	7200
	Comptellation FC	ST2000NM0011	2TB	SN02	64MB	6Gb/s	3.5"	7200
(	Constellation ES	ST1000NM0011	1TB	SN02	64MB	6Gb/s	3.5"	7200
		ST3000NC002	3ТВ	CN01	64MB	6Gb/s	3.5"	7200
		ST2000NC001	2TB	CN01	64MB	6Gb/s	3.5"	7200
,	Constallation CC	ST1000NC001	1TB	CN01	64MB	6Gb/s	3.5"	7200
	Constellation CS	ST3000NC000	3ТВ	CE02	64MB	6Gb/s	3.5"	7200
		ST2000NC000	2TB	CE02	64MB	6Gb/s	3.5"	7200
		ST1000NC000	1TB	CE02	64MB	6Gb/s	3.5"	7200
	Taranala UDD	ST4000NC001*1	4TB	CN02	64MB	6Gb/s	3.5"	5900
	Terascale HDD	ST4000NC000 <sup>*1</sup>	4TB	CE02	64MB	6Gb/s	3.5"	5900
		ST6000NM0024	6ТВ	SN05	128MB	6Gb/s	3.5"	7200
E	Enterprise Capacity 3.5 HDD v4	ST5000NM0024 <sup>*1</sup>	ETD	SN01	120140	6Gb/s	3.5"	7200
		\$15000INIVI0024	5TB	SN05	128IVIB			
		ST10000NM0016	10TB	SND0	256MB	6Gb/s	3.5"	7200
	Enterprise Capacity 3.5 HDD v6	ST8000NM0016	8ТВ	SND0	256MB	6Gb/s	3.5"	7200
E	Enterprise Capacity 3.5 HDD	ST6000NM0115	6ТВ	SN02	256MB	6Gb/s	3.5"	7200
		ST10000VX0004	10TB	AV01	256MB	6Gb/s	3.5"	7200
		ST8000VX0002	8ТВ	AV01	256MB	6Gb/s	3.5"	7200
	Surveillance HDD	ST6000VX0001*1	6ТВ	VN01	128MB	6Gb/s	3.5"	7200
3	Surveillance HDD	ST5000VX0001*1	5TB	VN01	128MB	6Gb/s	3.5"	7200
		ST4000VX000 <sup>*1</sup>	4TB	CV13	64MB	6Gb/s	3.5"	5900
		ST3000VX002*1	3ТВ	CV13	64MB	6Gb/s	3.5"	5900
		ST10000VX0004	10TB	AV01	256MB	6Gb/s	3.5"	7200
		ST8000VX0022	8ТВ	AV01	256MB	6Gb/s	3.5"	7200
		ST6000VX0023	6ТВ	SC60	256MB	6Gb/s	3.5"	7200
5	SkyHawk	ST4000VX007	4TB	CV11	64MB	6Gb/s	3.5"	5900
		ST3000VX010	3ТВ	CV11	64MB	6Gb/s	3.5"	5900
		ST2000VX008	2TB	CV11	64MB	6Gb/s	3.5"	5900
		ST1000VX005	1TB	CV11	64MB	6Gb/s	3.5"	5900
	Archivo UDD v2	ST8000AS0002 <sup>*1</sup>	8ТВ	AR13	128MB	6Gb/s	3.5"	5900
,	Archive HDD v2	ST6000AS0002*1	6ТВ	AR13	128MB	6Gb/s	3.5"	5900
	MVv003TSVP	MK2002TSKB	2TB	MT2A	64MB	3Gb/s	3.5"	7200
	MKx002TSKB	MK1002TSKB	1TB	MT2A	64MB	3Gb/s	3.5"	7200
BA	MG03ACA	MG03ACA300	3ТВ	FL1A	64MB	6Gb/s	3.5"	7200
1	MG04ACAxxxE	MG04ACA600E <sup>*1</sup>	6ТВ	FS2B	128MB	6Gb/s	3.5"	7200



				FS3B				
		MG04ACA500E <sup>*1</sup>	5TB	FP3B	128MB	6Gb/s	3.5"	7200
		MG04ACA400E <sup>*1</sup>	4TB	FP3B	128MB	6Gb/s	3.5"	7200
		MG04ACA300E <sup>*1</sup>	3ТВ	FP3B	128MB	6Gb/s	3.5"	7200
		MG04ACA200E*1	2TB	FP3B	128MB	6Gb/s	3.5"	7200
		MG05ACA800E	8TB	GX0A	128MB	6Gh/s	3.5"	7200
	MG05ACAxxxE	IVIGUSACABUUL	ОТБ	GX1A	IZOIVID	UUD/3	3.3	7200
	IVIGUSACAXXL	MG05ACA600E	6ТВ	GX0A	128MB	6Gh/s	3.5"	7200
		WIGOSACAGOOL	OTB	GX1A	TZOIVID	000/3	3.5	7200
		MC04ACA500E <sup>*1</sup>	5TB	FP1A	128MB	6Gb/s	3.5"	7200
	MC04ACAxxxE	MC04ACA400E <sup>*1</sup>	4TB	FP1A	128MB	6Gb/s	3.5"	7200
	IVICO4ACAXXL	MC04ACA300E <sup>*1</sup>	3ТВ	FP1A	128MB	6Gb/s	3.5"	7200
		MC04ACA200E <sup>*1</sup>	2TB	FP1A	128MB	6Gb/s	3.5"	7200
	MD04ABAxxxV	MD04ABA500V <sup>*1</sup>	5TB	FP1T	128MB	6Gb/s	3.5"	5400
	IVIDU4ADAXXXV	MD04ABA400V*1	4TB	FP1T	128MB	6Gb/s	3.5"	5400
	WD RE	WD4000FYYZ	4TB	01.01K03 <sup>*1</sup>	64MB	6Gb/s	3.5"	7200
		WD3000FYYZ	3ТВ	01.01K03	64MB	6Gb/s	3.5"	7200
		WD2000FYYZ	2TB	01.01K03	64MB	6Gb/s	3.5"	7200
		WD1003FBYZ*1	1TB	01.01V03	64MB	6Gb/s	3.5"	7200
		WD5003ABYZ*1	500GB	01.01S03	64MB	6Gb/s	3.5"	7200
		WD2503ABYZ*1	250GB	01.01S03	64MB	6Gb/s	3.5"	7200
		WD4000F9YZ*1	4TB	01.01A02	64MB	6Gb/s	3.5"	7200
	WD SE	WD3000F9YZ*1	3ТВ	01.01A02	64MB	6Gb/s	3.5"	7200
	WD 3L	WD2000F9YZ*1	2TB	01.01A02	64MB	6Gb/s	3.5"	7200
Western		WD1002F9YZ*1	1TB	01.01M02	128MB		3.5"	7200
Digital	WD Gold Datacenter	WD8002FRYZ	8TB	01.01H01	128MB	6Gb/s	3.5"	<b>7200</b>
	WD Gold Datacenter	WD6002FRYZ	6TB	01.01M02	128MB	6Gb/s	3.5"	<b>72</b> 00
		WD60PURX*1	6ТВ	80.00A80	64MB	6Gb/s	3.5"	5400
		WD50PURX*1	5TB	80.00A80	64MB	6Gb/s	3.5"	5400
		WD40PURX*1	4TB	80.00A80	64MB	6Gb/s	3.5"	5400
	WD Purple	WD30PURX*1	3ТВ	80.00A80	64MB	6Gb/s	3.5"	5400
		WD20PURX*1	2TB	80.00A80	64MB	6Gb/s	3.5"	5400
		WD10PURX*1	1TB	80.00A80	64MB	6Gb/s	3.5"	5400
		WD05PURX*1	500GB	80.00A80	64MB	6Gb/s	3.5"	5400
	WD Purple NX	WD4NPURX	4TB	80.00A80	64MB	6Gb/s	3.5"	5400

<sup>•</sup> In a RAID array setup, we recommend using the enterprise level hard drive as it has much better command timeout control and features stable reliability to vibration compared to desktop one for critical applications.

<sup>§</sup> Some listed devices may go EOL. AVL listing does not imply market availability.

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**<sup>§</sup>** ORANGE Capacities are assumed to work but were not tested.

<sup>▶</sup> When you use SATA 6Gb/s drive in this disk array system, the drive runs at 3Gb/s speed.



<sup>\*1</sup> Models that currently verified ok only with Microsoft Windows Operating System.



# 2. Compatible USB Flash Drives

Vendor	Model	Capacity
Kingstons	DT Ultimate G2 USB3.0 Flash Drive	64GB
SanDisk	SDCZ80-032G Extreme USB3.0 Flash Drive	32GB
Kingstons	Data Traveler R30 USB3.0 Flash Drive	32GB
Patriot	Supersonic Rage XT USB 3.0Flash Drive	32GB
ADATA	C103 USB3.0 Flash Drive	16GB
SONY	Micro Vault USB3.0 Flash Drive	16GB
TDK	LoR TF30 USB3.0 Flash Drive	16GB
TOSHIBA	Suzaku USB3.0 Flash Drive	16GB
BUFFALO	RUF2-K8GR USB 2.0 Flash Drive*1	8GB
TOSHIBA	TransMemory USB 2.0 Flash Drive*1	8GB
SanDisk	Cruzer Contour SDCZ6-016G USB2.0 Flash Drive*1	16GB
PQI	i812 USB 2.0 Flash Drive*1	16GB
Silicon Power	Ultima U03 USB 2.0 Flash Drive*1	16GB
SONY	Micro Vault Shelter USB 2.0 Flash Drive*1	16GB
TDK	TF20 USB 2.0 Flash Drive <sup>*1</sup>	32GB

<sup>\*1</sup> In specific cases like applying USB 2.0 flash drive onto the front panel USB ports to copy large file data or install OS, the device may downgrade to USB 1.1 speed. Please use rear USB ports instead.

## 3. Host Bus Adapter

Vendor	Model	BIOS/FW	Win Drv.	PCI Interface
Promise	SuperTrak EX8768 <sup>*1</sup>	5.00.0000.46	4.06.0000.45	PCIe 2.0 x8
Promise	SuperTrak EX8658 <sup>*1</sup>	3.00.0000.95	5.01.0000.04	PCle 1.0 x8
LSI	MegaRAID SAS 9285-8e	5.38.00	6.703.3.0	PCIe 2.0 x8
LSI	MegaRAID SAS 9280-8e	3.21.00	6.703.3.0	PCIe 2.0 x8

<sup>1</sup> Tested with Vess J2000 series expansion chassis

## 4. External Graphics Card

Vendor	Model	VBIOS/Win. Driver	Compatible
PowerColor	TurboDuo RADEON R9 270	015.044.000.001.000000/14.100.0.0	A2600 Series *1
ASUS	HD7770	015.018.000.000.000780/14.100.0.0	A2600 Series *1
EVGA	GEFORCE GTX 750Ti	82.07.32.00.50/9.18.13.3788	A2600 Series *1
ASUS	HD6570	013.011.000.014-000000/14.100.0.0	A2200 Series
Matrox	M9148LP	1.7/2.4.3.2	A2000 Series
Sapphire	AMD FirePro 2270	012.020.000.062.000863/13.352.1009.0	A2000 Series
Sparkle	nVidia GeForce GT730	80.28.78.0.12/9.18.13.3750	A2200 Series <sup>*2</sup>
Sparkle	NVIDIA GeForce GTX 750 Ti	82.7.32.0.50 /22.21.13.8476	A2600 Series *1

<sup>\*1</sup>Do not install SuperTrak's management software WebPAM and CLI in the Vess A2000 series as it creates conflict to the embedded management software WebPAM ProE. Please use BIOS utility to configure the card's RAID setting.



<sup>\*1</sup> Must use the A2600 riser board revision B1.

#### 5. DVR Add-in Card

Vendor	Model	Win. Driver	Compatible
Stretch	VRC7016L	7.11.1.21938	A2000 Series

# 6. Operating Systems

Vendor	Core Platform	Туре	Available Models
	Windows Embedded Standard 7 Service Pack 1		A2200 / A2600 Series
	Windows 7 Home Premium Service Pack 1	x64	A2200 / A2600 Series
	Windows 7 Ultimate Service Pack 1	x64	A2200 / A2600 Series
	Windows Server 2008 R2 Standard Service Pack 1	x64	A2200 / A2600 Series
	Windows Server 2008 R2 DataCenter Service Pack 1		A2200 / A2600 Series
	Windows Storage Server 2008 R2 Enterprise Service Pack 1		A2200 / A2600 Series
Microsoft	Windows Server 2012 Standard		A2200 / A2600 Series
	Windows Server 2012 R2 Standard	x64	A2200 / A2600 Series
	Windows Server 2012 R2 DataCenter	x64	A2200 / A2600 Series
	Windows Storage Server 2012 R2 Standard	x64	A2200 / A2600 Series
	Windows 10 IoT Enterprise	x64	A2200 / A2600 Series
	Windows 10 Enterprise	x64	A2200 / A2600 Series
*1	Windows Server 2016 Standard	x64	A2200 / A2600 Series <sup>*1</sup>

 $<sup>^{*1}</sup>$  Windows Server 2016 only supports for E3 CPU, not support for i3 CPU.

## 7. Vess A2000 WebPAM PROe Plug-in for Milestone Xprotect

OS/Supported Plug-in		WebPAM PROe	Event Notification	Recording LED
Milestone Veretest Corporate 2012 P2	32bit	V	V	V
Milestone Xprotect Corporate 2013 R2	64bit	V	V	V
Milectone Varetect Expert 2012 P2	32bit	V	V	V
Milestone Xprotect Expert 2013 R2	64bit	V	V	V
Milestone Xprotect Enterprise 2013	64bit	V	V	-
Milestone Xprotect Professional 2013	64bit	V	V	-
Milestone Xprotect Express 2013	64bit	V	V	-

<sup>\*2</sup> Assumed to work but was not tested.



# 8. Vess A2000 VMS Compatibility List

Vendor	VMS Version
Axxonsoft	Axxon Next 3.5.0.819
CSVision	NVS 6.0
Genetec	Security Center 5.2
Milestone	Xprotect Corporate 5.0C
	Xprotect Corporate 2013 R2
	Xprotect Corporate 2014
	Xprotect Corporate 2016
	Xprotect Corporate 2016
	Xprotect Corporate 2017 R2
	Xprotect Enterprise 2013
	Xprotect Enterprise 2014
	Xprotect Enterprise 2016
	Xprotect Professional 2013
	Xprotect Professional 2014
	Xprotect Professional 2016
	Xprotect Professional 2017 R2
OnSSI	Ocularis ES3.6
	Ocularis CS4.0
	Ocularis IS4.0
Samsung	SSM v1.3
SeeTec	SeeTec Cayuga R3
SONY	RSM Advanced 1.6.3
Video Insight	Video Insight v5.5.26.4

# 9. NAND Flash Compatibility List

Vendor	Models	Туре	Size
Transcend	TS64GMSA370	mSATA	64GB
InnoDisk	3ME4	mSATA	64GB