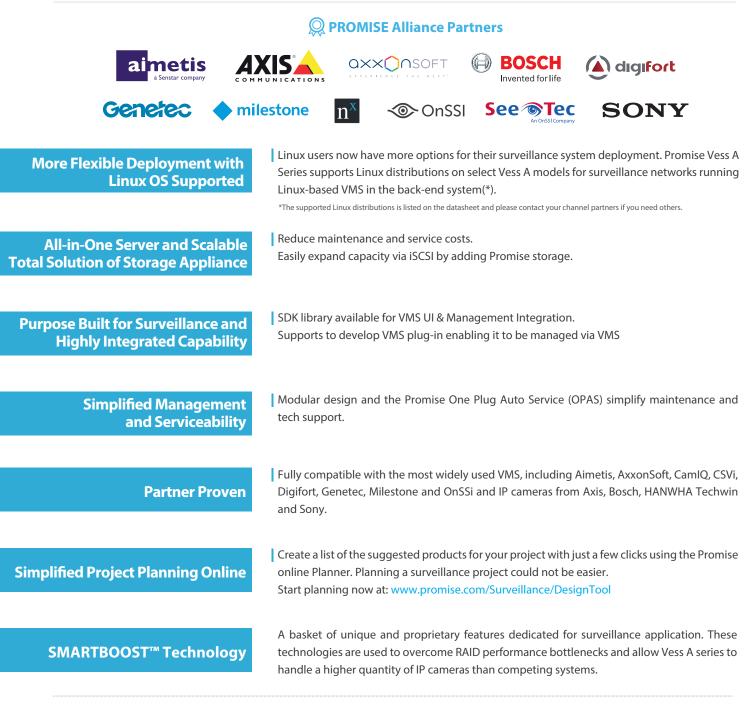




**Features** 

- High-performance, state of the art design
- 2U 8-bay rackmount chassis
- ► SMARTBOOST<sup>™</sup> Technology inside
- 3 year warranty can extend to 5 years
- Easily add Promise storage to expand capacity

Vess A3340 is ideal for small-to-mid-sized video surveillance installations; reliable, high performance, easy to deploy and maintain. Certified and verified by the most popular VMS with proven installations worldwide, the Vess A3340 offers a wide choice of Intel Core and Xeon CPUs that easily handle system demand. Vess A3340 models are available with a single Power Supply Unit (PSU) or a redundant PSU to guarantee system function if the PSU fails.







## **Product Specifications**

	Vess A3340s	Vess A3340d
Model	Example a second a s	ter enternet é
Camera Range*	Up to 100	
Form Factor	2U, 19″ Rackmount	
Number Of Drives	8 Drives (3.5")	
Drive Type	SATA	
# of PSU	Single	Dual
System Processor	Intel® Xeon® E3, Option	nal Intel® Core i3/i5/i7
System Memory	8GBx2 DDR4 (Max. to 32GB)	
Internal Built-in Storage for OS	M.2 128GB	
I/O Interface	2 x Gigabit Ethernet	
Storage Expansion	iSCSI	
Max # of HDDs Supported	Up to 112 drives through iSCSI & JBOD expansion	
Other Interfaces		
# of USB Ports	6x USB 3.0, 2	2x USB 2.0
PCI Express Ports	1 x PCle 3.0 x 8 / 1 x PCle 3.0 x 4	
Graphics	D-sub, HDMI and Display Port	
Serial Interfaces	1x RS-232	
Audio & Microphone	3x 3.5mm Audio Jack + SPDIF	
<b>RAID Operational Features</b>		
RAID Levels	0, 1, 1E, 3, 5, 6, 10 (0+1), 30, 50; Any Combination can exist at the same time	
Hot Spares	Multiple global or dedicated hot-spare drives with revertible option	
Max. LUNs per System/Array	256/32	
Software		
OS Supported (64-bit)	Windows 10, WS2016, UBUNTU 18.04, Debian 9.0, Cent OS 6.8	
Management Tools	Graphical UI/SNMP via Ethernet, CLI/CLU via Ethernet or Graphics, OPAS Service via USB, SDK or API for Integration	
SMARTBOOST <sup>™</sup> Technologies	SMARTBOOST™ Storage	
Event Notification	Email, SNMP, Buzzer, LEDs	
System Information		
AC Input	100 ~ 240 VAC, 60 ~ 50Hz	
Current (Maximum)	1A - 2A	
Power Consumption	250W	
BTU	853.25 BTU/h	
Power Supply	350W per Power Supply	
Fan	Redundant	
Temperature	$5^{\circ} \sim 40^{\circ}$ C (- $40^{\circ} \sim 60^{\circ}$ C non-operational)	
Dimensions (H x W x D)	88.2 x 446 x 410 mm (	(3.5 x 17.6 x 16.1 in)
Weight	7.38kg (16.23 lbs) w/o drives / 12.9kg (28.38 lbs) w/drives	9.24kg (20.37 lbs) w/o drives 14.6kg (32.19lbs) w/drives
Warranty and Support		
Warranty	3 year limited warranty	
Optional Accessories	Sliding Rail, 2/4/8/16GB DDR Memory	

\*The ideal camera range were the test output with fully populated enclosure and 16GB memory under 1080P/30FPS/5Mbps/H264/Pure Recording /Motion Detection disabled/Normal RAID Status.



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