

Vess A3340 – The Best Cost/Performance Storage Appliance

Vess A3340



Highlights Vess A3340

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

Vess A3340 is ideal for small-to-mid-sized video surveillance installations; reliable, high performance, easy to deploy and maintain. It is Well certified and verified by the most popular VMS in surveillance industry with proven installations worldwide. Offering more diversified combinations of Intel Core and Xeon CPU options to create a high performance solution that easily handles the various surveillance system demands.

Vess A3340 models are available with a single Power Supply Unit (PSU) or redundant PSUs. A redundant PSU guarantees system function if the PSU fails.

Why Promise Vess Storage Appliances?

All-in-One Server and Scalable Total Solution of Storage Appliance

- Reduces maintenance and service costs.
- Easily expand via iSCSI by adding Promise storage.

Purpose Built for Surveillance and Highly Integrated Capability

- SDK library available for VMS UI & Management Integration.
- Supports to develop VMS plug-in enabling it to be managed via VMS interface.

Simplified Management and Serviceability

- Modularized design and the Promise One Plug Auto Service (OPAS) simplify maintenance and tech support.

Partner Proven

- Fully compatible with the most widely used VMS, including Aimetis, AxonSoft, CamIQ, CSVi, Digifort, Genetec, Milestone and OnSSI and IP cameras from Axis, Bosch, HANWHA Techwin and Sony.

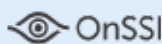
Simplified Project Planning Online

- With just a few clicks of the Promise online Planner you can create a list of the suggested products for your project; planning a surveillance project could not be easier. Start planning now at: www.promise.com/Surveillance/DesignTool

SMARTBOOST™ Technologies

Unique features dedicated for Surveillance application used to overcome RAID performance bottlenecks and allow Vess A series storage appliances to handle a higher quantity of IP cameras than competing systems.

Promise Alliance Partners



Product Specifications



Model	Vess A3340s	Vess A3340d
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, Optional Intel® Core i3/i5/i7	
System Memory	8GB 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, 2x USB 2.0	
PCI Express Ports	1 x PCIe 3.0 x 8 / 1 x PCIe 3.0 x 4	
Graphics	D-sub, HDMI and Display Port	
Serial Interfaces	1x RS-232	
Audio & Microphone	3x 3.5mm Audio Jack + SPDIF	
RAID Operational Features		
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 7, Windows 10, WS2012R2, WS2016	
Management Tools	Graphical UI/SNMP via Ethernet, CLI/CLU via Ethernet or Graphics, OPAS Service via USB, SDK or API for Integration	
SMARTBOOST™ Technologies	SMARTBOOST™ Storage/Video	
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° ~ 40°C (-40° ~ 60°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
Safety/EMI	FCC/CE/VCCI/RCM/BSMI/UL/cUL/Nemko	
Warranty and Support		
Warranty	3 year limited warranty	
Optional Accessories	Sliding Rail, 2/4/8/16GB DDR Memory	

*This number was tested under criteria w/o frame loss at 720p@30fps@H.264

Contact us



©2018 PROMISE Technology, Inc. All Rights Reserved. PROMISE, the PROMISE logo, VSky, VTrak, SmartStor, SuperTrak, FastTrak, Vess-RAID, Vess, PerfectPATH, PerfectRAID, SATA150, ULTRA133, VTrak S3000, BackTrak, HyperCache, HyperCache-R, HyperCache-W, DeltaScan, GreenRAID, Pegasus and SANLink are registered or pending trademarks of PROMISE Technology, Inc. in the U.S. and other countries. All other trademarks are the property of their respective owners. Information regarding products, services, and offerings may be superseded by subsequent documents and are subject to change without notice. P/N: G6130VA34000001 | 2018 August