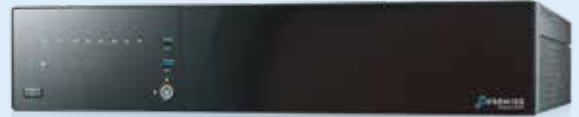# PROMISE
TECHNOLOGY

Vess A2330 – Best Surveillance Storage for Small Scale Projects
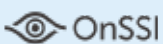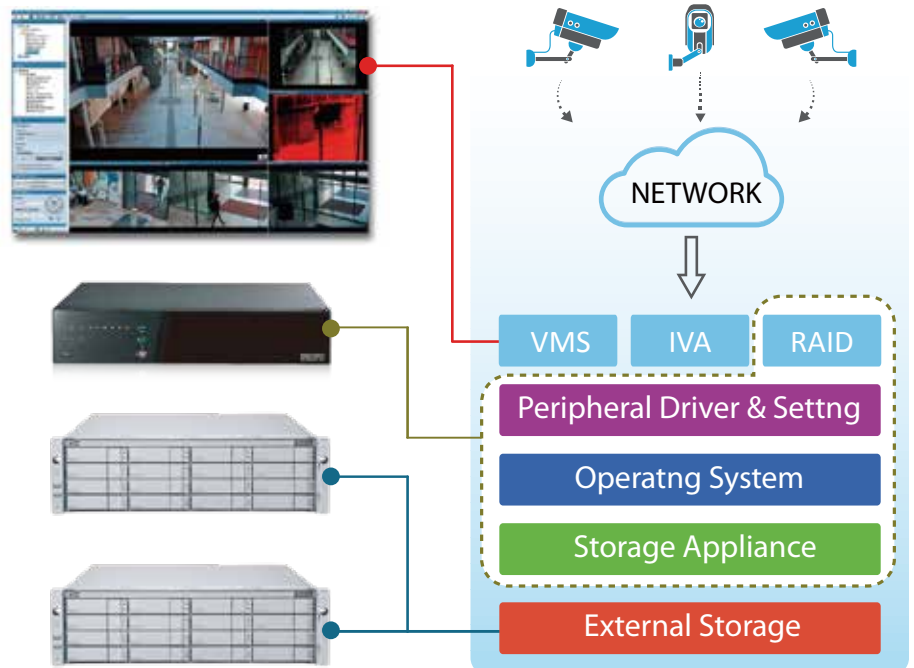
Vess A2330

Highlights Vess A2330

- High performance storage appliance system

- Perfect for up to 35 IP cameras

- Out of the box solution

- 3-year warranty
  (5 - year available for purchase)

- 2U 6-bay rack mounted chassis

- Scalable with Promise storage

Promise Technology presents the Vess A2330; the best surveillance storage appliance for small-sized IP video surveillance deployments. It is an ideal solution SMB/Supermarket/Small Office applications with low latency to safely store recorded video needed to protect their business.

Promise Alliance Partners

aimetis
a Senstar company

AXIS
COMMUNICATIONS

axxon
Experience The Next'

BOSCH
Invented for life

digifort

Genetec

SeeTec
An OnSSI Company

SONY

OnSSI

milestone

Vess Storage Appliance with 3rd Party VMS

Vess A-Series Storage Appliances for Surveillance

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 One Plug Auto Service simplifies maintenance and tech support workflow.

Partner Proven
- Fully- compatible with a range of VMS, including Aimetis, AxxonSoft, CamIQ, CSVi, Digifort, Genetec, Milestone and OnSSi;
  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.

SMART BOOST
The hidden force.

Product Specifications

Model	Vess A2330		
Camera Range	Up to 35*	Form Factor	2U, 19" Rackmount
Number Of Drives	6 Drives (3.5")	Drive Type	SATA
# of Controllers	Single	System Processor	Intel® Celeron J1900
System Memory	8GB DDR3	Internal Built-in Storage for OS	mSATA 64GB
I/O Interface	2 x Gigabit Ethernet	Storage Expansion	iSCSI
Max # of HDDs Supported	Up to 112 drives through iSCSI & JBOD expansion	Number of PoE port	N/A
Other Interfaces			
# of USB Ports	4x USB 3.0, 2x USB 2.0	Graphics	D-sub and HDMI
PCI Express Ports	N/A	Serial Interfaces	3x RS-232
Audio & Microphone	2x 3.5mm Audio Jack		
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 Embedded Standard 7 Runtime (WS7P), Windows 10		
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™ Technologies for optimized video surveillance performance		
Event Notification	Email, SNMP, Buzzer, LEDs		
System Information			
AC Input	100 ~ 240 VAC, 60 ~ 50Hz	Current (Maximum)	1A - 2A
Power Consumption	110W	BTU	375.43 BTU/h
Power Supply	250W	Fan	Swappable
Temperature	5° ~ 40°C (-40° ~ 60°C non-operational)		
Dimensions (H x W x D)	88.5 x 440 x 395 mm / (3.5 x 17.3 x 15.6 in)		
Weight	6.8kg (14.96 lbs) w/o drives / 10.94kg (24.1 lbs) w/drives		
Safety/EMI	FCC/CE/VCCI/RCM/BSMI/UL/cUL/Nemko		
Warranty and Support			
Warranty	3 year limited warranty	Optional Accessories	Sliding Rail, 2/4/8GB DDR3 Memory

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

Contact us