**Simple,
Powerful and
Optimised for video**

VA426
VideoAppliance

Features

- Ultra-high performance with onboard software analytics
- Fully scalable and supports a large number of high definition cameras
- Maintains image quality without frame loss
- Award-winning technologies

PREDICTABLE PERFORMANCE

A powerful appliance with a finely-tuned OS, designed for video processing and recording. Award-winning technologies include VSOP Video Stream Optimisation delivering smooth video recording and playback. This eliminates disk fragmentation and the resulting frame loss for continuous write performance.

OPEN PLATFORM

All major OS and Video Management Software can be easily integrated and pre-loaded, having been pre-tested and qualified.

CHOOSE YOUR SOFTWARE

Your preferred video analytics software can be pre-loaded and ready to run at installation. These include facial recognition, abnormal behavior detection, suspect tracking, mobile information and incident management, Cybersecurity and more, to further empower your solution.

PERFORMANCE MONITORING

Manage and track video assets for one or more sites and receive actionable information about the video network infrastructure. Continuous diagnostics Including alerts, advisories, and daily status reports of server, storage, switches, camera and infrastructure disruptions help prevent issues and ensure maximum uptime.

Simply Smarter

The VideoAppliance VA426 rackmount integrates VMS (Video Management Software) and storage into a simple to use, ultra-high performance video surveillance storage server solution. This eliminates the cost of a separate VMS server, significantly reduces cabling and the complexity of integrating VMS, OS, commodity server and storage, while significantly lowering the total cost of ownership.

Tested & Certified

The Intransa Technology Labs constantly test and certify cameras, VMS systems, NVRs and other applications for use with Intransa products for physical security's real-world demanding requirements. This allows for risk-free integration, without the complications of products that are not designed for physical security.

Faster & More Powerful

The VA426 combines the dual high-performance Intel® Xeon® E5-2620 v4 eight-core processors with up to 3.0 GHz clock speed and 16GB DDR4 2400 MHz ECC memory. Its high bandwidth connectivity and unmatched LAN connectivity with 4 GbE ports and an option of dual 10GbE ports, gives it the speed and responsiveness for the unique performance requirements of video surveillance infrastructure.

Fully Protected

We provide advanced RAID technologies which eliminate disk drive failure - the number one cause of lost video and downtime. Disk drives are hot swappable without interruption in service or loss of data. The second most common failure is power supplies. The VA426 eliminates this by providing dual redundant power supplies. The VA426 only uses ECC RAM and video being stored and transferred within the system is protected.

Flexible & Scalable

Choose from a server only or versions with up to 48TB of storage and two SSD drives for the OS in RAID 1 configuration. The VA426 combines storage capacity with exceptional performance to deliver simple, reliable video storage to suit your needs. Expand the VA426 with the ST350, allowing capacity to grow by an additional 480TB.

**Simple,
Powerful and
Optimised for video**

Features

SURVEILLANCE DRIVES

Surveillance drives are designed for video storage to deliver reliable 24×7 operation—optimised for low power consumption, quiet operation, smooth video streaming, enterprise-class reliability and high capacity. Ensuring highest performance, and significant cost savings.

QUICK TO INSTALL

The VA426 can be installed in just a few minutes as all the integration work and testing has already been done. It just needs to be plugged in and configured to your project needs.

Intransa Systems Inc.

US Toll Free: (855) 546 8726
             (855) 5INTRANSA
US Tel: +1 (650) 713 2065
UAE Tel: +971 4 330 0433
General Information: info@intransa.com
Sales: sales@intransa.com
Support: support@intransa.com
Website: www.intransa.com

Specifications

Core Technology

CPU Type	Dual Intel Xeon E5-2620 v4 Broadwell (2.1-3.0 Ghz)
Socket	2 x Socket 2011 v3
Core Logic	Intel® C612 Chipset
Bench Mark/Clock speed	17024/2.1 GHz
Memory size	16GB (2x8GB)
Memory type	DDR4 2400 ECC
Video Storage Performance	Up to 160Mbps / 20MBs internal

Expansion

Expansion Slot	1
Slot Type	1 x PCI-E x16

Storage

HDD Bays	4x Hot-swap 3.5" and 2x 2.5"
Drive support	4, 6, 8 & 10TB SATA III Video Class
	120GB SSD
RAID	0, 1 and 5

Ethernet

Data	4 x GbE (Intel® i210)
	or 2x 10GbE Intel X540
Management	1 x GbE (i210)

Video

Onboard Graphic	ASPEED AST2400

On Board I/O

	2 x USB 3.0 (front) and 2 x USB 3.0 (rear)
	1 x D-Sub (1x rear)
	1 x Serial Port (COM1)
	(w/ 1x HDMI to DVI Adp. & 1 MDP to D-Sub Adp.)
Management Solution	Remote IPMI support

Compliance

Safety	US/Canada (UL1950-CSA950)
	Europe (CE, EN55022 compliance to
	EU Directive 89/366/EEC & TUV)
EMI	US (FCC , CFR47 Part 15, Class A)
	Europe (CE, EN55022 class A & EN55024)

Physical Characteristics

Server dimensions (in./mm)	24" x 19" x 1.75" / 625 x 482.6 x 44.4 mm
Server weight	32.6lbs / 14.8kg
Shipping weight	39.2lbs / 17.8kg
Box dimensions	32.5"x23.5"x6" / 825.5 x 597 x 152 mm

Power

	Dual redundant 1+1
Voltage	100 - 240 VAC
Watts	750W 80 PLUS Platinum

Operating Environment

	Designed for 24x7x365 Operation
Operation temperature	10°C to 35°C
Non operation temperature	-40°C to 70°C
Humidity:	20% to 90% (non condensing)
Operating altitude	0 to 10,000ft / 0 to 3000m