



Simple,
Powerful and
Optimised for video



SurveillanceAppliance NVR Series

Key Features

- Fully integrated VMS and NVR solution
- Right size solution from 8 to 150 cameras per NVR
- Capacity from 6TB to 360TB per NVR
- Advanced NVR capabilities

WEB-BASED ADMINISTRATION

Administrators have a dedicated HTML5-based web client, eliminating the need to install and maintain a Windows-based management client. The web client can be accessed anywhere in the world, over high security SSL encryption using all major web browsers.

CLOUD MANAGEMENT

With Enterprise Manager™, the SurveillanceAppliance can be managed centrally, which dramatically reduces the administrative burden typical in multi-site deployments. Software updates, configuration, and health monitoring can all be centralized ensuring a strong and up-to-date video deployment, while limiting downtime and operation costs.

QUICK TO INSTALL

The SurveillanceAppliance is a true plug and play solution. It arrives with all necessary hardware, OS, drives and VMS preinstalled. It just needs to be plugged in and configured to your project needs. Installations are achieved in just a few minutes.

HIGH SCALABILITY

SurveillanceAppliance is highly optimized at both recording and streaming video, which reduces onsite hardware. It has the ability to expand to an IP SAN for unlimited scalability.

SurveillanceAppliance Network Video Recorders

A simple all-in-one video surveillance system. The Intransa SurveillanceAppliance (NVR) combines the power of leading video management software (VMS) with Intransa purpose-built VideoAppliance hardware. Each NVR comes with 3 years hardware maintenance and support and a 1 year software warranty. Each appliance can operate as a standalone solution or as part of the complete Intransa security ecosystem.

SurveillanceAppliance versions

Standard	Professional
<ul style="list-style-type: none"> • Unlimited Cameras per Server • Edge Storage Support • Automated Response to Alarms • Multi-Stream Camera Support • Continuous Recording on Motion or Alarm • Integrated Site Map • Mobile Device Support • Video Analytics Support 	<ul style="list-style-type: none"> • Standard Plus+ • Multi-Server Support • Microsoft Active Directory Integration • Integration to 3rd Party Systems (e.g. Electronic Access Control Integration)

Native Analytics

The SurveillanceAppliance has been developed from the ground up to support video analytics. Intransa server-based or embedded analytics are seamlessly supported, as well as 3rd party applications through the metadata engine. Analytic applications include motion tracking, auto-PTZ tracking, people counting, facial recognition, license plate detection and many more applications that optimize the recording and usage of surveillance video.



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Features

SERVER AND STORAGE FAILOVER

SurveillanceAppliance delivers built-in failover functionality without the need for expensive Microsoft Clustering and extra servers. Highly available VMS has never been more affordable or easier to set up.

HIGH SECURITY

The VMS employs SSL encryption on all communications to ensure a secure deployment. Regular penetration testing is proactively performed to identify and resolve potential security holes.

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manufactured in the USA

Specifications

Core Technology

CPU Type	Intel Skylake Xeon® E3-1230v5
Socket	LGA1151
Core Logic	Intel® C236 Chipset
Bench Mark/Clock speed	9557/3.4-3.8GHz
Memory size	8GB(2x4GB)
Memory type	DDR4 2400 ECC
Video Performance	Up to 240Mbs/30MBs

Expansion

Expansion Slot :	7
Slot Type:	1xPCI-Ex16

Storage

Versions	2U12, 3U16, 4U24 and 4U36 drive enclosures
HDD Bays	Hot-swap 3.5"
RAID levels	0, 1, 5, 6, 10, 50 & 60 (default config. RAID 6)
Drive support	2, 3, 4, 5 6, 8 and 10TB SATA VS class
OS/VMS	Dual 120GB SSD RAID1

Networking

Data	4 x GbE (Intel® I210AT)
Management	1 x GbE

Video

Graphic	Aspeed AST2300 with 32MB VRAM
Optional HD Graphics	HD 7750 1 GB DDR3 plus DP, DVI, HDMI and VGA
Opt Graphics performance	1631

On Board I/O

2 x USB 3.0 ports + 4 x USB 2.0
USB 3.0 port (2x rear), + USB 2.0 (2x front & rear)
1 x VGA port

Management Solution

Remote KVM-iKVM for KVM-over-IP support

Compliance

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

Operating Environment

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