Features and Benefits

- Preloaded with Senstar Symphony™ Common Operating Platform Standard edition video management software

- Preloaded with versatile Senstar Symphony™ Core Analytics Pack software

- Dual SSD (RAID1) for Operating System and Senstar Symphony™ application

- Hot-swappable redundant power supplies

- Support for server-based and embedded video analytics

- Support for a wide range of IP cameras, encoders and IP intercoms

- Windows®, web, iOS and Android™ operator clients

- Bundled with three years of comprehensive technical services

1. 2x SSD for OS (RAID-1)
2. 2x Empty Drive Bays
3. 2x 1GbE
4. 2x 1GbE
5. Management Module
6. 2x Redundant Hot-Plug Power Supplies

Ultra-high availability server for specialized projects

The R1000 Server is ideal for customers looking for a validated, turnkey solution with an open platform VMS that supports a wide range of IP cameras and encoders.

The R1000 offers a powerful hardware package configured with enterprise class features, intended for use with external storage. Preloaded with Senstar Symphony™ 8 Common Operating Platform, the R1000 is equipped with hot-plug redundant power supplies and SSDs.

A dual CPU configuration is optimized for projects requiring high camera density per server or numerous server-based analytics channels.
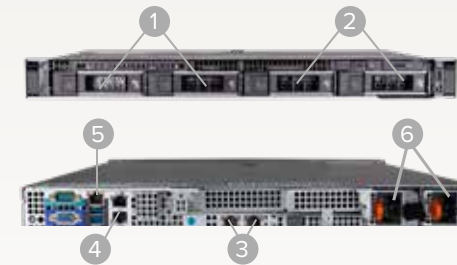
All R-Series Servers include three years of hardware support, including next business day on-site hardware replacement service.

EASY INSTALLATION AND EXTENSIVE SUPPORT

The R1000 Server comes preconfigured with all of the necessary software and licensing to minimize installation time. Based on validated hardware components and bundled with three years of comprehensive hardware and software support, the R1000 can be deployed and maintained worry free.

OPEN, FULLY FEATURED VMS

Senstar Symphony™ is an innovative, open platform for video management, video analytics, system integration, access control, and alarm management. Senstar Symphony™ offers a feature-rich, easy-to-use interface and incorporates IT-friendly features to make administration and remote health monitoring simple and scalable.

ANALYTICS READY

The R1000 dual CPU configuration delivers high performance computing required by server-based analytics applications. Preloaded with four Senstar Symphony™ Core Analytics Pack licenses, the system is optimized for a myriad of indoor and outdoor video detection applications out-of-the box. Additional analytics licenses can be added as needed.

BROAD ECOSYSTEM SUPPORT

The R1000's capabilities can be extended through additional products and services. Embedded analytics software is fully supported in addition to the preloaded server-based analytics, enabling a broad range of deployment scenarios. The Senstar Thin Client™ offers a secure and convenient video viewing option in space constrained environments. Finally, Senstar Enterprise Manager™ (SEM) provides centralized cloud-based monitoring and administration needed in multi-site deployments.

INCREASED AVAILABILITY

Redundant, hot-swap components improve R-Series Server uptime. Continuous monitoring of key system elements, performance metrics, and health indicators provides advance notice of potential issues. System events are visible directly in the Senstar Symphony™ Client and optionally available through SEM When required, Senstar will perform remote diagnostics and dispatch a technician to site.

Senstar Symphony™ Standard Edition (4 Licenses Included)
Unlimited client connections
Web and mobile clients
2-way audio
Unicast, multicast, & multistream
MJPEG / MPEG-4 / H.264 / H.265
Device pack updates
Record locally or to network storage
Record on schedule, alarm, & continuous
Automatic software updates
Multi-language
Customizable user access level

Technical Services (3 Years Included)
Access to certified hardware and software experts
Remote system monitoring and diagnostics
Operating system support
Senstar Symphony™ software support
Senstar Symphony™ software upgrades
Cloud-based Senstar Symphony™ configuration backups
Next business day on-site parts and labor response after remote diagnostics

Senstar Symphony™ Core Analytics Pack Contents (4 Licenses Included)	
Analytics Engine	**Name**
VE141	Camera Tampering
VE140	Signal Loss
VE180	Indoor People Tracking
VE180	Outdoor People and Vehicle Tracking
PT091	Auto-Pan Tilt Zoom (PTZ)
VE352	Left Item Detection
VE190	Crowd Detection

R1000 Specifications

Form factor	1U rack server
CPU	2x Intel® Xeon® Silver 4210 2.2GHz
RAM	32 GB
Boot drive	Mirrored SSDs with Windows® 10 IoT Enterprise LTSC 2021
Video storage	No storage
VMS preloaded	Symphony™ Standard edition
Base VMS licenses	4*
Base analytics licenses	4* core analytics packs
ONVIF	ONVIF Profile S
Storage subsystem	n/a
Disk type	n/a
Ethernet	4x 1GbE
Network protocols	SNMP, SMTP
Power supply	Redundant hot-plug 550W
Extended storage	SAN/NAS**
USB	3
Operating temperature	10°C To 35°C (50°F To 95°F)
Dimensions	434.0 x 728.23 x 42.8 mm/17.08 x 28.67 x 1.68 in
Weight	Maximum weight (with all hard drives/SSDs) 17.5 kg (38.58 lbs)
Input voltage	50/60 Hz 100–240 VAC, autoranging
Compliance	CE, FCC, ROHS
Mounting kit	ReadyRail kit provided
Warranty	Hardware: 3 years next business day on-site
Part number	AIM-R1000-4Ab

Ordering Information

Add-on Software Licenses	Part Number
Senstar Symphony™ Standard edition	S8SW1100
Senstar Symphony™ Core Analytics Pack	S8SW2051
Senstar Enterprise Manager™	SEM is available as a SaaS subscription on a 1-5 year term
Senstar Symphony™ Edition Upgrades	
Enterprise (per camera)	S8SW5001 (per camera)
Warranty Extensions	
Senstar Symphony™ Standard, 2 year HW/SW	S8MS6105
Senstar Symphony™ Enterprise, 2 year HW/SW	S8MS6205
Video Analytics Licenses	
Automatic License Plate Recognition (up to 4 cameras)	S8SW2061
Face Recognition	S8SW2081
Optional Accessories	
Thin Client™	AIM-A10D
Operator Station	AIM-R001, AIM-R002
8TB Hot-Plug Hard Drive	AIM-R8TBB
Dual Port 10GbE NIC	AIM-R10GEB

* Additional licenses sold separately