

Turnkey video and security management solutions

Deploy a video surveillance system with confidence. Running on validated hardware for optimal performance when recording, streaming, or video analytic processing, Senstar Symphony R-Series servers are pre-loaded with Senstar Symphony Common Operating Platform (COP) software for comprehensive video and security management. Different hardware and software configurations are available to best meet your surveillance requirements and budget.

PRE-LOADED WITH SENSTAR SYMPHONY

Senstar R-Series servers ships with Senstar Symphony server software pre-installed. Each server is pre-licensed to support a base number of camera licenses, with organizations having the option to add additional licenses if required.

VALIDATED HIGH-PERFORMANCE HARDWARE

Thoroughly validated by Senstar, all Senstar server hardware is guaranteed to meet its specified server performance requirements and run Senstar Symphony without issues.

VIDEO ANALYTICS READY

The server hardware is video analytic ready, ensuring availability to computing resources necessary to run supported Senstar Symphony's CPU or GPU-based video analytics (based on model).

ENTERPRISE-CLASS HARDWARE

Designed for enterprise applications, R-Series server hardware supports high-performance processors, hardware redundancy, and remote health monitoring.

COMPREHENSIVE SUPPORT

Both hardware and software are supported by Senstar through warranty and/or service agreements. Issues can be quickly remedied, with hardware serviced or replaced as required.

Features and Benefits

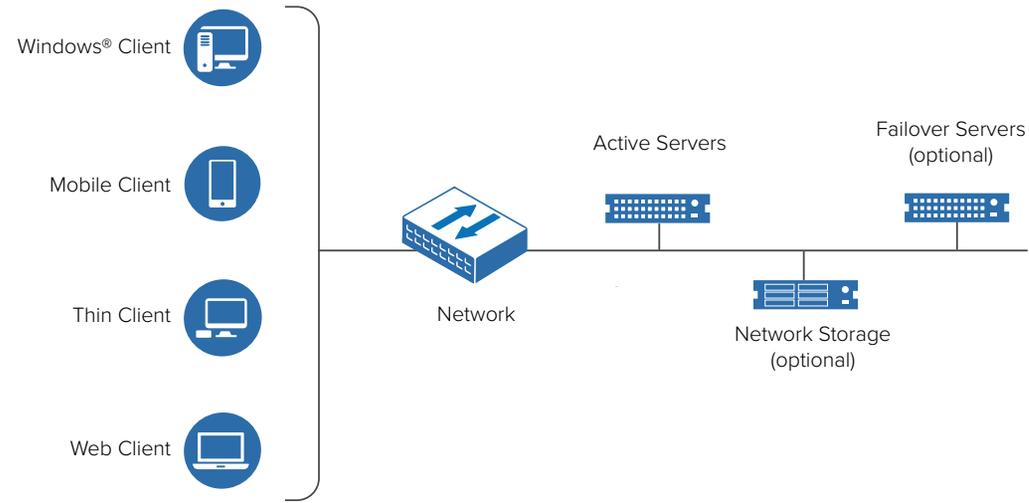
- Feature Dell® enterprise-grade hardware
- PC, 1U and 2U form factor options
- Redundant, hot-swappable components with support for continuous external monitoring (rack-mount systems)
- Scalable solutions with high availability and server redundancy
- High-performance platform for video analytic applications
- Base license support for up to 48 cameras per server (additional licenses sold separately)
- Up to 32 TB of usable internal storage (expandable) in RAID6 configuration or interface to NAS/SAS as an external storage option
- Comprehensive three-year warranty with full technical services
- Single point of contact for all server issues
- Dell® on-site Next Business Day (NBD) support for R-Series hardware



Senstar R-series servers feature enterprise-grade hardware and are pre-loaded with Senstar Symphony Common Operating Platform

Ordering Information	
Add-on Software Licenses	
Senstar Symphony™ Standard edition	S8SW1100
Senstar Symphony™ Analytics	Contact Senstar
Senstar Symphony™ Edition Upgrades	
Enterprise (per camera)	S8SW5001 (per camera)
Video Analytics Licenses	
Automatic License Plate Recognition (up to 4 cameras)	S8SW2061
Face Recognition	S8SW2081
Optional Accessories	
Thin Client™	AIM-A10D
Sensor Integration Software	
Sensar Symphony v8 Network Manager connection license (1 per NM service)	S8SW3031
Senstar Symphony V8 FiberPatrol integration license	S8SW3032
Senstar Symphony V8 ranging sensor integration license (FlexZone, Sentar LM100, OmniTrax), 1 license required per device	S8SW3033
Senstar Symphony V8 non-ranging sensor integration license (FP400, UltraWave, X-Field, UltraLink I/O, Alarm Logic Engine), 1 required per device/software instance	S8SW3034

Technical Services (Three 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



High-performance and scalable, the Senstar R-Series is ideal for the most demanding video surveillance deployments.

R-Series R0000 (Small Form Factor PC)

The R0000 servers have a compact form factor and is ideal for small deployments requiring server-based CPU video analytics. They can also be used as client workstations.

All R-Series servers include three years of hardware support, including next business day on-site hardware replacement service.

VIDEO ANALYTICS READY

With its i7 Intel® Core™ Ultra processors and two included Senstar Symphony™ Core Analytics Pack (CPU) licenses, the R0000 servers are fully optimized and configured to run both indoor and outdoor video analytic applications. Additional analytics licenses can be added as needed.



Senstar R0000 servers feature enterprise-grade hardware and are pre-loaded with Senstar Symphony Common Operating Platform (example image, hardware may differ).

R0000 Series Specifications		
Product Name	R0008-8+2A	R0008-16+2A
Part Number	S8SP0201-002	S8SP0202-002
Form factor	Small form factor PC (1LFF)	
CPU	Intel® Core™ Ultra 7 265 1.8GHz 20-core	
GPU	None	
RAM	16GB UDIM 5600MT/s Non-ECC	
Boot drive	512GB M.2 SSD with Windows® 11 IoT Enterprise LTSC 2024	
Video storage	8TB Enterprise 7.2K SATA HDD	
Display Ports	3x DisplayPort + 1x HDMI 2.1	
iDRAC	None	
VMS preloaded	Senstar Symphony™ Standard edition	
Base VMS licenses	8	16
Base core analytics licenses	2	
Disk type	Fixed	
Ethernet	1x GbE + 1x 2.5GbE	
Power supply	360W	
Extended storage	SAN/NAS	
Operating temperature	10 to 35 °C (50 to 95 °F)	
Dimensions	95 x 293 x 303.5 mm (3.74 x 11.53 x 11.95 in)	
Input voltage	100 to 240 V AC, 50 Hz to 60 Hz, 3A/ 1.5 A	
Compliance	CE, FCC, RoHS	
Warranty	Hardware: 3 years next business day on-site	

Accessories and Warranty Extensions (Maintenance & Support - M&S)

Warranty Extensions	
Senstar Symphony™ Standard, 2 year HW/SW	S8MS6103 (R0008-8+2A) S8MS6104 (R0008-16+2A)
Senstar Symphony™ Enterprise, 2 year HW/SW	S8MS6203 (R0008-8+2A) S8MS6204 (R0008-16+2A)

R-Series R1000 (1U Rack Server)

The R1000 series offer a powerful hardware package configured with enterprise class features and is 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.

VIDEO ANALYTICS READY

With its enterprise-grade processors and included Senstar Symphony™ analytic licenses, R1000 servers are fully optimized and configured for CPU-based analytics. GPU configurations are available to support GPU-enhanced analytics such as AI DNN People Tracking. Additional analytics licenses can be added as needed.



Senstar R1000 1U servers feature enterprise-grade hardware and are pre-loaded with Senstar Symphony Common Operating Platform (example image, hardware may differ). Models are available with and without GPUs.

Accessories and Warranty Extensions (Maintenance & Support - M&S)

Warranty Extensions		
Senstar Symphony™ Standard, 2 year HW/SW	S8MS6101 (R1008-8) S8MS6102 (R1008-16)	S8MS6105 (R1000-4) S8MS6106 (R1016-32)
Senstar Symphony™ Enterprise, 2 year HW/SW	S8MS6201 (R1008-8) S8MS6202 (R1008-16)	S8MS6205 (R1000-4) S8MS6206 (R1016-32)
8TB Hot-Plug Hard Drive	AIM-R8TBB	
Dual Port 10GbE NIC	AIM-R10GEB	

R1000 Series Specifications						
Product Name	R1000-4	R1016-32	R1008-8+2A-G	R1008-16+2A-G	R1008-8+2A	R1008-16+2A
Part Number	S8SP0211-002	S8SP0212-002	S8SP0214-002	S8SP0215-002	S8SP0216-001	S8SP0217-001
Form factor	1U-8SFF		1U-4LFF			
iDRAC	Yes					
CPU	2x Intel 4510 2.4GHz 12-core	1x Intel Xeon 6333P 3.1GHz 6-core	1x Intel Xeon 6325P 3.5GHz 4-core			
GPU	None		Nvidia RTX A1000 8GB GDDR6 50W 4x mDP		None	
RAM	32 GB RDIMM 5600MT/s (2x16)	16 GB UDIMM 5600MT/s				
Boot drive	2x 480GB Read-Intensive SSDs	2x 480GB M.2 SSD (RAID1)	480GB M.2 SSD (no RAID)			
OS	Windows® 11 IoT Enterprise LTSC 2024					
Video storage	6x drive bays	3x 8TB Enterprise 7.2K SAS HDD (RAID5)	1x 8TB Enterprise 7.2K SAS HDD (JBOD)			
VMS preloaded	Symphony™ Standard Edition					
Base VMS licenses	4	32	8	16	8	16
Base core analytics licenses	0	0	2	2	2	2
Ethernet	2x 1GbE, 4x 10/25GB SFP28	2x 1GbE				
Power supply	Redundant Hot-Plug 800W	Redundant Hot-Plug 600W	1x 600W			
Extended storage	SAN/NAS**					
Operating temperature	10°C To 35°C (50°F To 95°F)					
Dimensions	17.08" x 26.03" x 1.69" (433.8 x 661.37 x 42.8 mm)	17.09" x 20.18" x 1.69" (434 x 513 x 43 mm)	17.08" x 21.04" x 1.69" (434 x 535 x 43 mm)			
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					

R-Series R2000 (2U Rack Server)

The R2000 Series servers offer a powerful hardware package configured with enterprise class features, intended for use with external storage. Preloaded with Senstar Symphony™ 8 Common Operating Platform, R2000 servers are 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.

VIDEO ANALYTICS READY

With its enterprise-grade processors and included Senstar Symphony™ Core Analytics Pack licenses, R1000 servers are fully optimized and configured for CPU-based analytics. GPU configurations are available to support GPU-enhanced analytics such as AI DNN People Tracking. Additional analytics licenses can be added as needed.



Senstar R2000 2U servers feature enterprise-grade hardware and are pre-loaded with Senstar Symphony Common Operating Platform (example image, hardware may differ). Models are available with and without GPUs.

R2000 Series Specifications		
Product Name	R2032-48	R2032-48+4A
Model	S8SP0221-002	S8SP0222-002
Form factor	2U-12LFF	
iDRAC	Yes	
CPU	1x Intel 4510 2.4GHZ 12-core	2x Intel 4510Y 2.4GHZ 12-core
GPU	None	
RAM	32 GB (2x 16GB RDIMM 5600MT/s)	
Boot drive	2x 480GB M.2 SSD (RAID1)	
OS	Windows® 11 IoT Enterprise LTSC 2024	
Video storage	6x 8TB (32TB usable) Enterprise 7.2K SAS HDD (RAID6)	
VMS preloaded	Senstar Symphony™ Standard Edition	
Base VMS licenses	48	48
Base core analytics licenses	None	4
Ethernet	2x 1GbE + 4x 1Gb	2x 1GbE + 4x 1GbE + 2x 10/25 GB SFP28 PCIe LP
Power supply	Redundant Hot-Plug 800W	
Operating temperature	10 to 35 °C (50 to 95 °F)	
Dimensions	482 x 686 x 86.8 mm (18.97 x 27 x 3.41 in)	
Weight	Maximum weight (with all hard drives/SSDs) 28.82 kg (63.53 lb)	
Input voltage	50/60 Hz 100–240 V AC	
Compliance	CE, FCC, RoHS	
Mounting kit	ReadyRail kit provided	
Warranty	Hardware: 3 years next business day on-site	

Accessories and Warranty Extensions	
Warranty Extensions	
Senstar Symphony™ Standard, 2 year HW/SW	S8MS6107 (R2032-48)
Senstar Symphony™ Enterprise, 2 year HW/SW	S8MS6207 (R2032-48)
8TB Hot-Plug Hard Drive	S8SP0291
Dual Port 10GbE NIC	S8SP0292