

Ultra-High Availability NVR for specialized projects

The Aimetis R1000 Network Video Recorder offers a powerful hardware package configured with enterprise class features, intended for use with external storage. Preloaded with Aimetis Symphony™ 7 video management software (VMS), the R1000 is equipped with hot-plug redundant power supplies and SSDs.

The R1000 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. Its dual CPU configuration is optimized for projects requiring high camera density per server or numerous server-based analytics channels.

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

Key Benefits

✓ Ease of Installation and Extensive Support

The Aimetis R1000 appliance 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 Video Management Software

Aimetis Symphony 7 is an innovative, open platform for video management, video analytics, system integration, and alarm management. Symphony 7 offers a feature-rich, easy-to-use interface and incorporates IT-friendly features to make administration and remote health monitoring simple and scalable.

✓ Broad Ecosystem Support

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

✓ Analytics Ready

With its dual CPU configuration, the R1000 delivers high performance computing required by server-based analytics applications. Preloaded with four 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.

✓ Increased Availability

Redundant, hot-swap components improve NVR 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 Symphony Client and optionally available through Aimetis Enterprise Manager. When required, Aimetis will perform remote diagnostics and dispatch a technician to the site.

Key Features

Preloaded with Aimetis Symphony 7 Standard edition video management software

Preloaded with versatile Symphony Core Analytics Pack software

Dual SSD (RAID-1) for Operating System and 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

Viewing options include Windows client, web, and iOS/Android devices

Bundled with three-years of comprehensive technical services



R1000 Network Video Recorder

R1000 Specifications

Form Factor	1U Rack Server
CPU	2x Intel® Xeon® E5-2620 V4 2.1GHz
RAM	16GB
Boot Drive	Mirrored SSD with Windows 10 IoT Enterprise
Video Storage	No Storage
VMS Preloaded	Aimetis 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	4
Operating Temperature	10°C To 35°C (50°F To 95°F)
Dimensions	434.0 x 677.3 x 42.8 mm / 17.08 x 26.66 x 1.68 in
Weight	Maximum Weight (With All Hard Drives/SSDs) 19.9 Kg (43.87 Lbs)
Input Voltage	50/60 Hz 100–240 V AC, Autoranging
Compliance	CE, FCC, ROHS
Mounting Kit	ReadyRail Kit Provided
Warranty	Hardware: 3 Years NBD On-site
Part Number	AIM-R1000-4A

Aimetis Symphony 7 Standard Edition (4 Licenses Included)

Core Features	Unlimited client connections
	Web and Mobile Clients
	2-way Audio
	Unicast, Multicast, & Multistream
	MJPEG / MPEG-4 / H.264
	Device Pack Updates
	Record Locally or to Network Storage
	Record on Schedule, Alarm, & Continuous
	Automatic Software Updates
	Multilanguage
	Customizable User Access Level

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

Technical Services (Three Years, Included)

Access to certified hardware and software experts
Remote system monitoring and diagnostics
Operating System support
Aimetis Symphony software support
Aimetis Symphony software upgrades
Cloud based Symphony configuration backups
NBD on-site parts and labor response after remote diagnostics

Ordering Information

Add-on Software Licenses	Part Number
Symphony Standard edition camera license	AIM-SYM7-S
Symphony Core Analytics Pack license	AIM-SYM7-VA-10
Aimetis Enterprise Manager (3 year subscription)	AIM-EM-3Y
Symphony Edition Upgrades	
Professional (per camera)	SYM-SV-PU-1
Enterprise (per camera)	SYM-SV-EU-1

Video Analytics Licenses

Automatic License Plate Recognition (up to 4 cameras)	AIM-SYM7-VA-12
Face Recognition	AIM-SYM7-VA-14

Optional Accessories

Aimetis Thin Client™	AIM-A10D
Aimetis Operator Station	AIM-R001, AIM-R002
8TB Hot-Plug Hard Drive for R-Series NVRs	AIM-R8TB
Dual Port 10GbE NIC for R-Series NVRs	AIM-R10GE

Front



Back



1. 2x 2.5" 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

* Additional licenses sold separately
** Customer Supplied