



Network Video Recorders

Deploy a video surveillance system with confidence on verified hardware configurations with E-Series and R-Series Network Video Recorders (NVR). All recorders are preloaded with the necessary software, including Symphony™ video management licenses. Whether you need a compact appliance for small sites or a scalable, enterprise class solution, these turnkey products can help accelerate installation.

Each recorder is bundled with 3 years of Maintenance & Support. Specialized models* are preloaded with Core Analytics – native video analytics like motion tracking, auto PTZ tracking, and people counting – designed to work seamlessly with Symphony.

Our turnkey solutions can operate standalone or as part of the complete security ecosystem: Thin Client, Enterprise Manager™, and specialized Video Analytics, such as Face Recognition, Automatic License Plate Recognition, and more.

* Core Analytics Pack licenses preloaded on models: R0008-8A, R1000-4A, R1016-32A, R2032-48A

Appliances



E4000 Series™ Physical Security Appliances (PSA) combine a fanless, small form factor hardware platform with Symphony for installations up to 32 cameras. The E4000 series is an ideal solution for confined spaces such as small footprint retailers, gas stations, and harsh environments.

Recorders



R-Series™ recorders deliver high availability, performance, and flexibility for mid-sized deployments. The R-Series combines symphony and native analytics preloaded on Dell enterprise server hardware.

Appliances



E4000 Series Physical Security Appliance

The E4000 PSA is your complete surveillance video management system in a box that combines purpose-built hardware with Symphony™ video management. The E4000 series is the ideal solution for space constrained environments, such as small footprint retailers, gas stations, and harsh environments.

The onboard Intel® Celeron® processor provides stable performance with very low heat generation and minimal cooling requirements, resulting in improved stability and longevity.

A tough aluminum case, with heat dispersing fins draws heat away from the processor, enables the system to operate in environments not suitable for commercial off-the-shelf PCs. To provide installation flexibility, the E4000 can be wall or rack mounted ensuring easy placement in any scenario.

Key Features

- Powered by Symphony intelligent video management software
- Small fanless form factor with hot swappable 3.5" hard drive
- Supports installations of up to 32 cameras
- Wide range of supported camera manufacturers
- Integrated I/O
- Support for PC and embedded video analytics
- Viewing options include Windows Client, web, iOS / Android devices
- Onboard DHCP and SMTP servers make configuration of isolated camera networks easy
- Flexible installation options such as wall mount, DIN rail, and desktop

Key Benefits

Easy to Use

The E4000 Series PSA brings together the industry's best video management software, native analytics support, and reporting all built into a single, easy to use device.

Symphony Software Built-in

Award-winning Symphony VMS, is built directly into each E4000 PSA ensuring a seamless deployment of software and hardware, in a single device for up to 32 cameras. No need to jump between multiple product and hardware vendors when the best comes in one, high powered device.

Flexible Deployment

The E4000 offers extremely flexible deployment options. Low heat production, expandable storage using NAS, and small form makes the PSA the perfect solution for installations where space is limited and a small hardware footprint is a must.

Add-on Products

The PSA is more than just a standalone solution, it opens the door to an unprecedented ecosystem that revolutionizes how you manage security. Seamless integration of PSA with Outdoor Object Tracker™, Thin Client™, and Enterprise Manager™ brings centralized management of your entire security system to your fingertips.



Recorders



R Series Network Video Recorders

R-Series recorders streamline video surveillance deployments to deliver simplicity, performance, and flexibility. As a turnkey solution, the R-Series is ideal for deployments of 8 to 64 cameras. It seamlessly combines Symphony™ video management software (VMS) and native analytics with Dell enterprise server hardware.

One machine, one price, no difficult and costly integrations required. All recorders include a comprehensive 3-year hardware and software support package with bundled on-site hardware replacement service by Dell.

Key Features

- Preloaded with Symphony 7 Standard edition video management software
- 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
- Preloaded with versatile Symphony Core Analytics Pack software (R008, R1000, R1016-32A, and R2032-48A)
- Small, space-saving desktop form factor with 8TB internal storage capacity (R0008)
- Dual SSD (RAID-1) for Operating System and Symphony application (R1000 and R2032)
- Hot-swappable redundant power supplies (R1000, R1016, and R2032)
- Built-to-order system for use with external storage (R1000)
- Operating System and Symphony application on dedicated solid state drive (R1016)
- 3x 8TB hot-swappable hard drives in RAID-5 configuration (16TB usable) (R1016)
- 6x 8TB hot-swappable hard drives in RAID-6 configuration (32TB usable) (R2032)

Key Benefits

Ease of Installation and Extensive Support

Installation is fast and easy with R-Series recorders. They come preconfigured with all necessary software and licensing. Featuring validated hardware components and a bundled 3-year hardware warranty, deployment and maintenance are worry free.

Preloaded with Highly Scalable, Easy-to-use Video Management Software

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

Broad Ecosystem

The capabilities of the R-Series can expand with additional products and services. Embedded analytics software is fully supported in addition to the preloaded server-based analytics, offering deployment flexibility. The Thin Client can offer a secure and convenient video viewing option in space-constrained environments. Finally, Enterprise Manager provides centralized IT monitoring and administration for multi-site deployments.

Analytics Ready

The combination of a high-performance computing platform and Core Analytics Pack licenses preloaded on select NVRs* ensures the R-Series is fully optimized and configured for both indoor and outdoor video applications. Our range of native video analytic engines are designed for easy integration with Symphony.

Increased Availability

For mission-critical deployments, R-Series rack mounted** NVRs feature redundant, hot-swappable components that maximize uptime. Continuous monitoring of key system elements, performance metrics, and health indicators provides notice of potential issues.

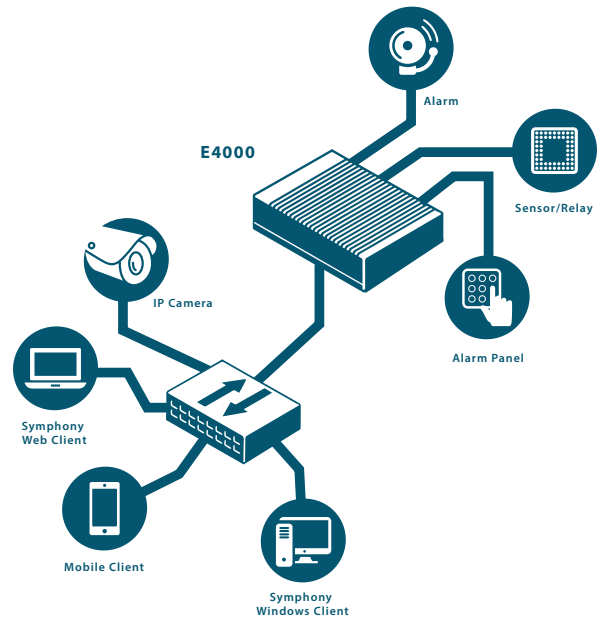
* Core Analytics Pack licenses preloaded on models: R0008-8A, R1000-4A, R1016-32A, R2032-48A

** Does not include R-0008 models.

Specifications

E-Series Specifications

Model	E4000	E4010	E4020	E4040	E4060
OS	64 GB mSATA				
Video Storage	*	1TB	2TB	4TB	6TB
VMS	Symphony Standard				
Base Licenses	2	4	8	16	24
Ethernet	2x GbE				
USB	4				
Integrated I/O	8/8				
Network Protocols	DHCP, SMTP, SNMP				
Extended storage	With NAS				
ONVIF	Yes				
Operating Temp.	0 to 40°C				
Dimensions (mm)	268W x 174D x 44H				
Weight	3.1KG				
Input Voltage	12VDC				
Compliance	CE, FCC, RoHS				
Mounting Kit	Wall, DIN-Rail included				
Warranty	3-year hardware & software				



R-Series Specifications

Model	R0008-8A	R1000-4A	R1016-32	R1016-32A	R2032-48	R2032-48A
Form Factor	Small FF PC		1U Rack Server		2U Rack Server	
CPU	Intel® Core™ I5-6500	2x Intel® Xeon® E5-2620 V4 2.1GHz	Intel® Xeon® E5-2603 V4 1.7GHz	2x Intel® Xeon® E5-2620 V4 2.1GHz	Intel® Xeon® E5-2620 V4 2.1GHz	2 x Intel® Xeon® E5-2620 V4 2.1GHz
Boot Drive	SSD with Windows 10 IoT Enterprise	2x SSD (RAID-1) with Windows 10 IoT Enterprise	SSD with Windows 10 IoT Enterprise		2x SSD (RAID-1) with Windows 10 IoT Enterprise	
Video Storage	8TB	No Storage	16TB		32TB	
VMS	Aimetis Symphony™ Standard Edition					
Base VMS Licenses	8**	4**	32**		48**	
Base Analytics Licenses	2**	4**	n/a	4**	n/a	4**
ONVIF	ONVIF Profile S					
Storage Subsystem	Single Disk	n/a	RAID-5		RAID-6	
Disk Type	Fixed	n/a	Hot-Plug SATA			
Ethernet	1x 1GbE	4x 1GbE				
Network Protocols	SNMP, SMTP					
Power Supply	180W	Redundant Hot-Plug 550W			Redundant Hot-Plug 750W	
Extended Storage	SAN/NAS*				Additional 8TB SATA HDD	
USB	10	4			3	
Operating Temp.	5°C TO 35°C	10°C To 35°C				
Dimensions (mm)	290 x 292 x 926	434.0 x 677.3 x 42.8			444.0 x 684.0 x 87.3	
Weight	6.1 kg	Maximum Weight (With All Hard Drives/SSDs) 19.9 kg			Maximum Weight (With All Hard Drives/SSDs) 32.5 kg	
Input Voltage	100 V AC to 240 V AC, 50 Hz to 60 Hz, 3 A/ 1.5 A	50/60 Hz 100–240 V AC, Autoranging				
Compliance	CE, FCC, ROHS					
Mounting Kit	n/a	ReadyRail Kit Provided				
Warranty	Hardware & Software: 3-Years Next Business Day On-site					

* Customer supplied ** Additional licenses sold separately