



Dynamic Network Factory's (DNF) Seahawk series IP storage is designed for today's demanding surveillance requirements. With integrated appliances for mission critical storage or low cost storage, the Seahawk series is easy to use and advanced at the same time. Each supports speedy IP networks and large storage capacities to support new installations or upgrade existing NVR, DVR, CCTV, legacy, or analog infrastructure (see compatibility table).

Open Platforms for Seamless Compatibility

Our systems use open systems-based video image surveillance processing and management software; with open systems, organizations can centralize images from unlimited analog and digital cameras, distribute live video over IP, manage remote archives for end-to-end IP.

High-Definition Disk Certification Program Reduces Downtime

DNF developed an extensive pre-qualification process for disk drives to increase drive reliability. Each drive endures a grueling 120 hour testing process, to minimize the impact of manufacturing inconsistencies and eliminate drives that are likely to fail. The drives that pass are used and DNF customers experience a 50% lower drive failure rate compared to standard and RAID edition drives, reducing system downtime.

Choose the Right Solution with the CAVS™ Index

The CAVS (Continuous Aggregated Video Stream) Performance Index, makes IP Surveillance system design easy by rating system performance

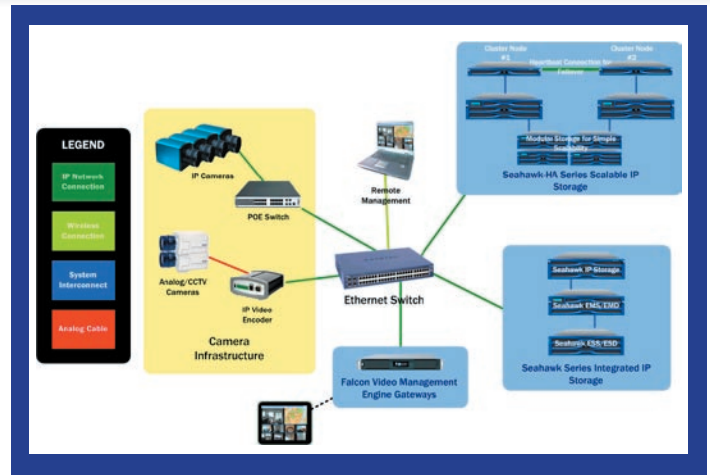
in environments with multiple, simultaneous IP camera streams. Our systems are designed to support streaming video across multiple megapixel camera streams. The CAVS Index eliminates the guesswork of choosing the right supporting systems for IP surveillance.

Seahawk Series Integrated IP Storage Series

The Seahawk Integrated IP storage adds SATA, SAS or SSD storage capacity and performance without compromising retention, resolution, or functionality; up to 24TB in one system (expandable to 128TB). Each system offers redundant power supplies and hot-swappable disk drives for enhanced data protection, keeping your video safe.

Seahawk-SX Series IP Storage

The Seahawk-SX IP storage offers redundancy at every level and easy



scalability to 128TB with complete failover and RAID protection in a modular package. The Seahawk-SX also offers advanced storage management to keep your data safe and protected, just like your facility.

Seahawk Series High-Availability (HA) IP Storage

The Seahawk HA IP storage builds on the Seahawk-SX offering additional storage capacities up to 256TB and enhanced data protection for campus environments with advanced storage management.

Advanced Storage Management for Improved Data Protection

The Seahawk Integrated, HA and SX IP storage offer advanced management features to ease storage management, support multiple remote locations and enhance data protections. With support for standard management protocols like SNMP, improved system monitoring, and data protection features including split recording and remote replication, Seahawk IP storage keeps working so you don't have to.

Seahawk L-Series Cost-Effective IP Storage

The Seahawk L-Series offers reliable, low-cost, high-performance IP storage in rackmount or tower configurations. Each system allows users to centrally manage an unlimited number of IP cameras and store digital video for archiving and legal compliance with a lower cost of entry.

External Expansion Arrays for Limitless Scalability

For high volume IP surveillance environments use our high-performance expansion arrays, Seahawk EMS, EMD, ESS and ESD, to increase the storage capacity of Seahawk IP storage (Integrated, HA and SX).

Seahawk Series Features:

- ▶ High Performance IP Storage
- ▶ Compatibility with Leading Video Software
- ▶ Support for Wide Range of Cameras
- ▶ Scalable up to 256TB of Storage Capacity
- ▶ RAID for Data Protection
- ▶ Advanced Storage Management

Seahawk Series IP Storage Platform

DNF Security's Seahawk series offers a wide variety of platform solutions for mission critical environments

Seahawk Series Integrated IP Storage

Product Model	Form Factor	# of Drives	RAID Levels	IP SAN Connections ¹	External Expansion Support	10GbE Option
Seahawk Series 401	1U	4	0, 1, 3, 5, 10	3 X 1GbE	No	No
Seahawk Series 802	2U	8	0, 1, 3, 5, 6, 10	5 X 1GbE	No	Yes
Seahawk Series 1602	3U	16	0, 1, 3, 5, 6, 10	5 X 1GbE	Yes	Yes
Seahawk Series 2402	4U	24	0, 1, 3, 5, 6, 10	5 X 1GbE	Yes	Yes

High Performance Features

- ▶ SATA, SAS or SSD Drives
- ▶ 2GB Standard Video Cache
- ▶ Dual Redundant Power Supplies
- ▶ Advanced Storage Management: Remote Management, Split Video Recording, Mirroring

Seahawk Series High-Availability (HA) IP Storage*

Product Model	Form Factor	# of Drives	RAID Levels	IP SAN Connections ¹	Active/Active Engines	Redundant Power Supplies	10GbE Option
Seahawk Series-SX	Modular	128	0, 0+1, 1, 3, 5, 6, 10, 30, 50, 60	6 X 1GbE	Yes	Yes	Yes
Seahawk Series-HA	Modular	256	0, 0+1, 1, 3, 5, 6, 10, 30, 50, 60	6 X 1GbE	Yes	Yes	Yes

High Performance Features

- ▶ SATA, SAS or SSD Drives
- ▶ 2GB Video Cache Per Engine
- ▶ Active/Active Storage Controllers
- ▶ Scalable and Expandable
- ▶ Advanced Storage Management

Seahawk Series External Expansion Options

Product Model	RAID Levels	Supported Expansion Array	Redundant RAID Controllers	Advanced Storage Management Features
Seahawk EMS 1600	0, 1, 3, 5, 6, 10, 30, 50, 60	Up to 4 Seahawk ESS 1600	No	SNMP, Web-based GUI, System Self-Monitoring
Seahawk EMD 1600	0, 1, 3, 5, 6, 10, 30, 50, 60	Up to 3 Seahawk ESD 1600	Yes	SNMP, Web-based GUI, System Self-Monitoring
Seahawk ESS 1600	N/A	N/A	N/A	SNMP, Web-based GUI, System Self-Monitoring
Seahawk ESD 1600	N/A	N/A	N/A	SNMP, Web-based GUI, System Self-Monitoring

High Performance Features

- ▶ SATA, SAS, or SSD Drives
- ▶ Available for Integrated, SX, HA
- ▶ 16 Disk Drives in 3U Rackmount
- ▶ Redundant Power Supplies

Seahawk L-Series Cost-Effective IP Storage

Product Model	Form Factor	# of Drives	RAID Levels	IP SAN Connections ¹	High-Speed Video Cache ¹	10GbE Option
Seahawk L-Series 40td	Tower	4	0, 1, 3, 5, 10	3 x 1GbE	2GB	Yes
Seahawk L-Series 80td	Tower	8	0, 1, 3, 5, 10	3 x 1GbE	2GB	Yes
Seahawk L-Series 400d	1U	4	0, 1, 3, 5, 10	3 x 1GbE	2GB	Yes
Seahawk L-Series 800dz	2U	8	0, 1, 3, 5, 10	5 x 1GbE	2GB	Yes
Seahawk L-Series 1600dz	3U	16	0, 1, 3, 5, 10	5 x 1GbE	2GB	Yes
Seahawk L-Series 2400dz	4U	24	0, 1, 3, 5, 10	5 x 1GbE	2GB	Yes

High Performance Features

- ▶ SATA Disk Drives
- ▶ 2GB Std. Video Cache

¹ Please contact our sales department for information on available upgrades for system processors, memory, storage capacity, ethernet connections, storage cache and/or IP SAN connections.

* Other custom configurations including support for up to 10 PB available. Please contact our sales department for more information on the available upgrades.

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About Dynamic Network Factory

Dynamic Network Factory (DNF) takes pride in its innovative spirit, engineering excellence, and broad product line. DNF's six business units focus on specific vertical markets and technologies to cover the business and government technology space. Since 1998, DNF has focused on delivering storage solutions from direct attached storage for small business to enterprise applications, networked storage, iSCSI and file servers in capacities from 1TB-10PB. In 2006, its acquisition of iSCSI pioneer StoneFly Networks expanded DNF's storage portfolio to include enterprise class iSCSI and storage virtualization technology. With the expertise of DNF Storage, DNF Systems and StoneFly, Inc, DNF Security leverages innovative storage and server technologies for mission critical IP surveillance solutions. For more information visit www.DNFsecurity.com.



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