



DNF's Falcon Series: The Perfect Answer for Video Management

Dynamic Network Factory's Falcon series video management systems are ideal entry-level or midrange solutions for organizations looking for integrated high performance, image/video management and RAID-protected storage. As demand increases for longer archive time, better video resolution and higher frame rates, each Falcon solution ensures maximized data retention and scalable performance.

Designed with security professionals in mind, the Falcon series delivers unmatched performance and manageability. Flexible solutions allow you to add SATA or SAS drives, allowing tiered storage for higher levels of performance and speed, in capacities from 1TB to 40TB. The Falcon series delivers on DNF Security's goal of offering superior scalability and smaller form factors than traditional analog digital video recorder (DVR) and network video recorder (NVR) alternatives.

Storage Management and Gateway All-in-One

The Falcon Series Video Management Engine (VME) solution offers a standalone management gateway for high availability, redundancy, scalability and simple integration with IP storage. Each VME system offers advanced functionality: data consolidation across multiple locations, archive, and support for tiered storage and gives you complete surveillance management control at your fingertips.

Next Generation IP Surveillance Built to Move

DNF Security offers the first mobile surveillance solution for on-the-go, mission critical deployments. Whether you are monitoring a small office, construction site, or crowded concert, the rugged Falcon 20M and 50M are ideal for demanding surveillance applications. The compact size makes transportation and setup at a temporary or remote location easy.

Customize your Super Falcon with Optional Upgrades

Need a little more juice out of your system? Our customized solutions support your needs, with the latest and greatest upgrades. The Falcon XT configurations bolster processing power, archiving time, storage capacity, and video

Integrated Falcon Series



Falcon VME



Falcon 20M Portable



Falcon 62tq / 80tq



Falcon 620S / 802S



Falcon 4820S

streaming. Our hybrid (analog + IP) configuration allows you to integrate a wide range of cameras from analog to IP to megapixel and HD cameras under a common user interface; ideal for transitioning into IP surveillance without ripping out existing analog systems. Please contact our sales department for more information on available upgrades.

We Use Open Platforms for Seamless Compatibility

Our systems use open systems-based video image surveillance processing and management software. By using open systems, organizations can centralize images from unlimited analog and digital cameras, distribute live video streams over IP, manage remote archives of imagery and use IP from end-to-end. Our systems ensure high performance and compatibility with leading cameras and digital video management software, enabling organizations to use their existing networking for faster deployments.

High-Definition Disk Certification Program Reduces Downtime

To increase the reliability of standard disk drives, DNF developed an extensive pre-qualification process for disk drives. Each drive we use goes through a sophisticated and grueling 120 hour testing process, to minimize the impact of manufacturing inconsistencies and eliminate drives with a high likelihood of failure. The drives that pass our tests are implemented into our systems. As a result, DNF customers experience a 50% lower drive failure rate compared to standard and RAID edition drives, and reduce system downtime from failed disks.

Use Our CAVS™ Index to Choose the Right Solution

With our CAVS (Continuous Aggregated Video Stream) Performance Index, designing an IP Surveillance solution is easy. This index measures system performance in environments with multiple, simultaneous IP camera streams. Each system is designed to support streaming video across multiple streams, serve as a high quality recording target for megapixel cameras, and maximize uptime with built-in high availability features. We take the guesswork out of IP surveillance by helping you understand if the system you choose will handle your environment.

Falcon Series Feature:

- ▶ Integrated Video Management
- ▶ Compatibility with Leading Video Software
- ▶ Support for Wide Range of Cameras
- ▶ Up to 40TB of Video Data
- ▶ RAID for Data Protection
- ▶ Advanced Storage Management

Falcon Series Product Family

DNF Security's Falcon series offers a wide variety of video management solutions for entry-level and midrange environments

Falcon Series Video Management Systems

Product Model	Form Factor	# of Drives	Storage Capacity ¹	Supported RAID Levels	Gigabit Ethernet Connections ¹	Concurrent Megapixel Camera Streams [*]	Archive Time (Days)**	Analog Camera Support
Falcon 20t	Tower	2	1-2TB	--	Single	16	12	No
Falcon 40td	Tower	4	2-4TB	0, 1, 5, 10	Dual	24	18	Yes
Falcon 62tq / 80tq	Tower	6 / 8	3-6TB / 4-8TB	0, 1, 3, 5, 6, 10	Dual	24	30 / 43	Yes
Falcon 20M	Portable Tower	2	1-2TB	0, 1	Single	16	12	Yes
Falcon 50M	Portable Tower	5	2.5-5TB	0, 1, 3, 5	Single	24	30	Yes
Falcon 40cd	1U Rackmount	4	2-4TB	0, 1, 5, 10	Dual	24	18	Yes
Falcon 40cq	1U Rackmount	4	2-4TB	0, 1, 5, 10	Dual	32	18	Yes
Falcon 400q	1U Rackmount	4	2-4TB	0, 1, 3, 5, 10	Dual	48	18	Yes
Falcon 620S / 802S	2U Rackmount	6 / 8	3-6TB / 4-8TB	0, 1, 3, 5, 6, 10	Dual	64	30 / 42	Yes
Falcon 1602S / 1620S	3U Rackmount	16	8-16TB	0, 1, 3, 5, 6, 10	Dual	88	91	Yes
Falcon 2402S / 2420S	5U Rackmount	24	12-24TB	0, 1, 3, 5, 6, 10	Dual	100	140	Yes
Falcon 4820S	8U Rackmount	48	24-48TB	0, 1, 3, 5, 6, 10	Dual	110	238	Yes
Falcon VME	1U Rackmount	2	up to 10 Petabytes	--	Dual	N/A	Variable	Yes

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.

* Based on high-performance settings: 30 FPS/stream; MJPEG; 75 KB/frame; continuous recording. This represents the max. sustainable performance level of concurrent recording. Tested with Milestone Enterprise, ONSSI Net DVMS, Genetec Omnicast, Exacq exacqVision, or other compatible software. Contact us for more detail on our testing.

** Archive time based on typical use settings: 4CIF, MPEG, 64 recording streams, 1 Mbps/stream, 25% motion detection, 50% compression. Contact us for more detail on our testing.

™ Falcon Series, and CAVS are trademarks of Dynamic Network Factory. All other trademarks belong to their respective owners.

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.



www.DNFsecurity.com
 toll free: 800.947.4742
 fax: 510.265.1565
 email: sales@DNFcorp.com

Corporate Headquarters
 21353 Cabot Boulevard
 Hayward, CA 94545
 main: 510.265.1616