Data Sheet

tyco | **American Dynamics**

VideoEdge Network Video Recorder Software

Key Features

- VideoEdge OS built on openSUSE Linux for high-performance with network security
- Single OS/application intended for installation on appropriate COTS hardware
- Powerful embedded analytics save time while transforming data into business intelligence
- Auto-enabled smart search allows for rapid review of recorded video
- Utilize with victor Video Management System to enhance the robust VideoEdge infrastructure
- Support for Virtual IO on select cameras

A Solution That Protects Your Business and Helps it Grow

Save administrator resources with powerful features like person-based intelligent search, narrowing down search time from minutes to seconds and gain the upper hand against potential threats. When you combine the powerful capabilities of victor with the intelligence of VideoEdge NVRs, you reach new heights in video management with actionable insights to save time, money, and lives. Leveraging high-performance smart video searching, video intelligence, and case management along with an extensive feature set, users gain greater situational awareness.

Flexibility to Configure the Optimum Security Infrastructure

Customize a hardware platform ideal for your unique security requirements while still benefitting from expansive surveillance capabilities with VideoEdge software. The greatly enhanced user experience provided by VideoEdge features an intuitive administrative client that reduces installation and configuration time. Leverage high-performance video streaming, audio, and analytic metadata on the commercial off-the-shelf hardware of your choice. This scalable software solution offers increased versatility for performance, budgets and configuration preferences including chassis flexibility, RAID options, hard drive types and sizes, and redundancy. The advanced system architecture provides built-in dynamic bandwidth management with the ability to cap video data transmitted within the local area, allowing coexistence with other applications operating on the same network.

The power behind **your mission**

Johnson Controls

Improve Incident Response and Safety with Intelligent Designs and AI Features

Once added to the system, powerful AI and intelligent video analytic features such as person-based intelligent search and area occupancy are combined and integrated with the victor/ VideoEdge solution to strengthen operational efficiency and effectiveness. By simply allocating a license to a camera, the system will immediately begin collecting behavioral metadata that can be leveraged for reporting key performance indicators (KPIs) and trigger real-time alarms. Detect suspicious objects and abnormal behavior to identify trends that help mitigate threats, and pinpoint exact location of alarms on maps to arm security teams with life-saving details. With the powerful, automated and forensic search capabilities powered by Tyco AI, victor/ VideoEdge users are able to save time when minutes matter.

Ensure Reliability and Business Continuity with a Cybersecurity Program

The VideoEdge software adheres to the rigorous standards of the Johnson Controls Cyber Solutions Product Security Program. The holistic approach to cyber protection is aimed at providing peace of mind to our customers. Our security mindset begins at initial design concept and is supported through deployment, including a rapid incident response to meet the comprehensive and evolving cybersecurity environments.

Recommended Minimum Hardware Specifications

Specification	Small Software NVR	Medium Software NVR	Large Software NVR
Operating System	VideoEdge OS built on openSUSE Linux	VideoEdge OS built on openSUSE Linux	VideoEdge OS built on openSUSE Linux
Number of Streams	32	64	128
Processor	Core I3-6100, 3.7GHz	Core I7-6700, 4GHz	Xeon Silver 4110, 2.1 GHz
Memory	8 GB DDR4 (2133 MHz)	8 GB DDR4 (2133 MHz)	16 GB DDR4 (2133 MHz)
OS Drive	240GB SSD	240GB SSD	240GB SSD
Network Interface	3 x 1 GbE NIC	3 x 1 GbE NIC	3 x 10 GbE NIC
RAID Controller	MegaRAID SAS 9361-8i	MegaRAID SAS 9361-8i	Dell PERC H730P Mini
Video Storage	As needed	As needed	Minimum RAID5 with 9 drives
External Storage	iSCSI, USB[1], Enterprise 7200 SATA	iSCSI, USB[1], Enterprise 7200 SATA	iSCSI, USB, Enterprise 7200 SAS
Video Recording Throughput	Max 100 Mbps	Max 300 Mbps	Max 1000 Mbps
Transcoding[2]	4	4	4
VideoEdge Client	N/A	N/A	N/A

[1]USB3 port only

[2]Additional transcoding can be added via Tyco Transcoder appliance.

Ordering Information

Base Software License

Model	Description
ADVESWADDG	One VideoEdge NVR software base license. Comes with 1 year SSA, no camera connection or analytics licenses included

* For analytic ordering information, see Video Intelligence, Facial Biometric and License Plate Recognition data sheets.

Camera Connection License

Model	Description
ADVC-VECAM	victor Professional Centrally Managed VideoEdge IP Camera Connection License - Single Camera License, also requires ADVC-CENTLIC
ADVC-CENTLIC	victor Professional Central License Management for VideoEdge
ADVEC01	VideoEdge NVR Add-on license for 1 IP camera stream

* Illustra Pro camera license not included in VideoEdge software-only distributions

Media

VideoEdge Software (OS/App) is available for download at www.americandynamics.net. Also available on a bootable USB drive.

Model	Description
ADVE53USB	VideoEdge 5.3 Software recovery USB (no licenses included)
ADVE52USB	VideoEdge 5.2 Software recovery USB (no licenses included)
ADVE51USB	VideoEdge 5.1 Software recovery USB (no licenses included)
ADVE50USB	VideoEdge 5.0 Software recovery USB (no licenses included)

Tyco American Dynamics victor VMS and VideoEdge Recorders are sold, serviced and supported by a network of Certified Installers. For specific information regarding Certification and Training requirements please consult your local sales representative.

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For additional information, please visit www.americandynamics.net or follow us on Facebook, Twitter, and LinkedIn.

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