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VideoEdge Compact Desktop Network Video Recorder

Key Features

- 100 Mbps recording throughput
- Convenient space-saving form factor
- Supports up to 32 IP cameras
- JBOD storage configuration up to 12TB
- Enterprise-class hard drives
- IP camera auto discovery allows for quick system setup
- Maximize streaming resources by accepting triple video streams from the camera to the NVR

A Solution That Protects Your Business and Helps it Grow

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. 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. Leveraging high-performance smart video searching, video intelligence, and case management along with an extensive feature set, users gain greater situational awareness.

Manage a Comprehensive Environment from the Convenience of a Desktop

The VideoEdge Compact Desktop Network Video Recorder (NVR) offers a powerful recording solution in a convenient form factor. By connecting a monitor to the Desktop NVR, security operators can instantly view a real-time camera feed for ongoing surveillance. The hardware offers a video recording solution targeted for deployments with less than 32 IP cameras. VideoEdge NVRs also feature an advanced open architecture and can add and reassign camera and analytic licenses at any time.

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, area occupancy, crowd counting, object classification and more are combined and integrated with the victor and 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 and VideoEdge users are able to save time when minutes matter.

Additional tools that help with both live streaming and forensic search include Smart Streaming and Smart Search. Smart Streaming reduces client hardware requirements while viewing more cameras simultaneously without increasing bandwidth usage. Smart Search finds specific video clips based on metadata from behaviors, analytics, and event details within a forensic region of interest. VideoEdge® TrickleStor provides cost-effective redundancy by storing video on select Illustra cameras when network connectivity to the NVR is lost. Finally, VideoEdge NVRs are all ONVIF Profile S conformant for increased camera compatibility.

Ensure Reliability and Business Continuity with a Cybersecurity Program

VideoEdge NVRs have been designed to be resilient against cyber threats. This solution includes a security audit page that allows administrators to quickly determine if the proper levels of protection are applied. The VideoEdge NVRs adhere to the rigorous standards of the Johnson Controls Cyber 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.

Hardware Specifications

Specification	Description
Camera Type	IP
Video Recording Throughput	100 Mbps[1]
Max # of Cameras	32[2]
Operating System	VideoEdge OS built on openSUSE Linux
OS Drive	250 GB mSATA
Network Interface	2 x 1 GigE NICs
RAID Controller	None
Video Storage	0, 4, 6, 12 TB
Video Storage Drives	One Internal HDD
USB Ports	Back: 4 x USB 2.0, 4 x USB 3.0
Power Supply	Input 480W 100~240AC; Output 12VDC @ 10A
Max BTU	412
Monitor Interface	1 X DVI-D, 2 x DisplayPort (DisplayPort to HDMI Adapter included)
Max. Digital Monitors	1
VideoEdge Client	Yes

[1] 50 Mbps with VideoEdge Client

[2] Stream parameters vary greatly - Refer to Tyco | American Dynamics Resource Estimator www.americandynamics.net/Calculators/Tyco-American-Dynamics-Resources-Estimator xlsx and Storage Calculator https://www.americandynamics.net/Calculators/ipconfig/indexhtml to best determine server and storage.

Dimensions (W x H x D)	11.81 x 1.73 x 8.13 in (30.0 x 4.35 x 20.64 cm)
Included Accessories	USB Mouse, Keyboard, External Power Supply Compliance Safety: UL Listed (US+Canada), CB certified multiple countries,
Regulatory[2]	(UL/IEC/EN62368-1) EMC: Class A emissions (FCC part 15; ICES-003; EN55032; CIS-PR22, EN61000-3-2, 3-3) Security immunity (EN50130-4) Environmental: External PSU Efficiency Level VI, RoHS (EN50581), EU Reach restrictions compliant. Declarable substance contents provided at time of sale.

[2] Information is qualified by a third-party manufacturer responsible for regulatory. For EU EMC compliance the product has not been assessed as a security product. For security critical applications additional measures may need to be taken to avoid functional degradation from electrical interference.

Ordering Information

Model Numbers	Description
VideoEdge Compact Desktop NVR	
ADVED12N0N5G	VideoEdge Compact Desktop NVR, 12 TB JBOD, 2 NIC
ADVED06N0N5G	VideoEdge Compact Desktop NVR, 6 TB JBOD, 2 NIC
ADVED04N0N5G	VideoEdge Compact Desktop NVR, 4 TB JBOD, 2 NIC
ADVED00N0N5G	VideoEdge Compact Desktop NVR, 0 TB storage, 2 NIC
VideoEdge NVR Accessories	
ADVECDRACKIT	VideoEdge Compact Desktop Rack Mount Kit

Camera Connection Licenses

Model Numbers	Description
ADVEC01*	VideoEdge NVR Add-on 1 IP Camera License
ADVC-CENTLIC	victor Professional Central License Management for VideoEdge
ADVC-VECAM*	victor Professional Centrally Managed VideoEdge IP Camera Connection License - Single Camera License

*Not required with Illustra Pro cameras
 For analytic ordering information, see Video Intelligence, Facial Biometric and License Plate Recognition data sheets

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.

The power behind **your mission**