VideoEdge Rack Mount Network Video Recorder

Increased Performance
Qualified and validated under the most stringent test conditions and now delivering up to 50% increase in throughput, Enterprise class hard disk drives provide the highest possible reliability

High Availability
Fully redundant hardware design eliminates single points of failure and maximizes uptime

Fast Deployment
Turnkey solution with VideoEdge preinstalled easily integrates into existing systems, saving valuable time and lowering installation costs

Cybersecure
Protected against cyber-threats by comprehensive multilayer security in accordance with the rigorous standards of the Johnson Controls Cyber Solutions Product Security Program

Remote Administration
iDRAC9, with Lifecycle Controller technology, allows administrators to monitor, manage, update, troubleshoot and remediate issues from any location

5 Year Warranty
ProSupport with Next Business Day on-site service provides additional protection and peace of mind

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Hardware Specifications

Specification	Description
Camera Type	IP
Video Recording Throughput[1]	1500 Mbps
Max # Cameras	200
Memory	32 GB
Operating System	VideoEdge OS (powered by openSUSE Leap)
OS Drive	2x 480GB SSD SATA (RAID1)
Network Interface Ports	2 x 10GbE, 2 x 1GbE
RAID Controller	PERC H755
Video Storage	2, 24, 36, 48, 64, 96, 112, 128, 144, 160, 200 TB
Video Storage Drives	Up to 12 x 3.5" Hot Plug HDDs
External Storage	iSCSI, FC32 (HBA Adapter Kit required)
USB Ports	Front: 1 x USB 2.0, Back: 1 x USB 3.0, 1 x USB 2.0
Power Supply	Dual 800W Platinum 100~240VAC
Redundant Power Supply	Yes
CPU	Intel Xeon Silver 4310
Management	iDRAC9 Enterprise
Warranty	5 Year, Next business day on-site support
Max BTU	3139
VideoEdge Client	No
Monitor Interface	1 x VGA
Max Monitors	1
Dimensions W x H x D	18.97 x 3.41 x 26.99 in (48.2 x 8.7 x 68.6 cm)
Included Accessories	Rack Mount Rails, USB Mouse and Keyboard
Regulatory[2]	Safety: UL Listed (US + Canada), (UL/IEC/EN62368-1) EMC: Class A emissions (FCC part 15; ICES-003; EN55032; CISPR32, EN61000-3-2, 3-3) Security immunity (EN55035) Environmental: RoHS (EN50581), EU Reach restrictions compliant. Declarable sub- stance contents provided at time of sale.

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

[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.

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Ordering Information

Model Numbers	Description
VideoEdge Rack Mount NVR	
ADVER200R6DK	VideoEdge Rack Mount NVR, 200TB RAID 6 (Total 240TB), (2) 1GbE, (2) 10GbE, Dual PSU
ADVER160R6DK	VideoEdge Rack Mount NVR, 160TB RAID 6 (Total 192TB), (2) 1GbE, (2) 10GbE, Dual PSU
ADVER144R6DK	VideoEdge Rack Mount NVR, 144TB RAID 6 (Total 176TB), (2) 1GbE, (2) 10GbE, Dual PSU
ADVER128R6DK	VideoEdge Rack Mount NVR, 128TB RAID 6 (Total 160TB), (2) 1GbE, (2) 10GbE, Dual PSU
ADVER112R5DK	VideoEdge Rack Mount NVR, 112TB RAID 5 (Total 128TB), (2) 1GbE, (2) 10GbE, Dual PSU
ADVER96R5DK	VideoEdge Rack Mount NVR, 96TB RAID 5 (Total 112TB), (2) 1GbE, (2) 10GbE, Dual PSU
ADVER64R5DK	VideoEdge Rack Mount NVR, 64TB RAID 5 (Total 80TB), (2) 1GbE, (2) 10GbE, Dual PSU
ADVER48R5DK	VideoEdge Rack Mount NVR, 48TB RAID 5 (Total 64TB), (2) 1GbE, (2) 10GbE, Dual PSU
ADVER36R5DK	VideoEdge Rack Mount NVR, 36TB RAID 5 (Total 48TB), (2) 1GbE, (2) 10GbE, Dual PSU
ADVER24R5DK	VideoEdge Rack Mount NVR, 24TB RAID 5 (Total 36TB), (2) 1GbE, (2) 10GbE, Dual PSU
ADVER02RDK	VideoEdge Rack Mount NVR, 2TB RAID, (2) 1GbE, (2) 10GbE, Dual PSU
VideoEdge NVR HD Kits	
ADVE750HD20TBT	VideoEdge Rack Mount NVR, 20TB Hot Plug HD Kit
ADVE750HD16TBT	VideoEdge Rack Mount NVR, 16TB Hot Plug HD Kit
ADVE750HD12TBT	VideoEdge Rack Mount NVR, 12TB Hot Plug HD Kit

Camera Connection Licenses

Model Numbers	Description
ADVEC01*	VideoEdge NVR Add-on 1 IP Cam 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

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.

AD1477-DS-202402-R02-HS-EN

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