

AMERICAN DYNAMICS

VideoEdge Desktop Network Video Recorder

When more
performance
is paramount.



Increased Performance

Qualified and validated under the most stringent test conditions and now delivering up to 100% performance improvement, including throughput, Enterprise class hard disk drives provide the highest possible reliability



Camera Licenses Included

No additional licenses are required when Illustra Cameras* are connected to American Dynamics VideoEdge NVRs



Fast Deployment

Turnkey solution with VideoEdge pre-installed easily integrates into existing systems, saving valuable time and reducing 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



Smart Streaming

Active Content Transcoding technology intelligently utilizes available network bandwidth, dynamically adjusting video stream properties to save bandwidth and optimize the user experience when viewing video from a victor client



5 Year Warranty

Comprehensive 5-year hardware coverage includes 'Keep Your Hard Drive', allowing you to retain possession of your hard drives when receiving warranty replacements

* Contact your nearest Sales Representative for details on applicable Illustra camera models

Hardware Specifications

Specification	Description
Camera Type	IP
Video Recording Throughput ¹	200 Mbps
Maximum IP Streams ²	50
Maximum Transcodes Streams	14
Operating System	VideoEdge OS (powered by openSUSE Leap)
OS Drive	256 GB NVMe™ M.2 SSD
Network Interface Ports	2 x 2.5 GbE
RAID Controller	No
Video Storage (# HDDs)	0, 4, 8, 12, 16, 20, 24 (2 x 12), 32 (2 x 16), 40 (2 x 20) TB
Video Storage Drives	Up to 2 internal HDDs
USB Ports	Front: 1 x USB 3.2 (Gen 1), 3 x USB 2.0; Rear: 2 x USB 3.2 (Gen 2), 2 x USB 2.0
Power Supply	300W 100~240VAC
Warranty	5 Year hardware warranty, Keep Your Hard Drive (KYHD)
Max BTU	1025
Local Client	Yes
Monitor Ports	HDMI 2.0b, 2 x DP 1.4a, VGA
Monitors Max	1
Dimensions W x H x D	13.0 x 4.0 x 12.5 in (33.0 x 10.2 x 31.8 cm)
Included Accessories	USB mouse and keyboard; Power button pin hole key
Regulatory ³	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/WEEE restrictions compliant. Declarable substance contents provided at time of sale. Manufactured in compliance with TAA and NDAA

¹ 100 Mbps with Local Client

² Stream parameters vary greatly. 50 stream calculation based on 2MP at 30 FPS. Refer to etc.' with Refer to the American Dynamics Resource Estimator and Storage Calculator <https://www.americandynamics.net/Support/CalcDefault> to best determine server and storage.

³ 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	
ADVED40N0N5H	VideoEdge Desktop NVR, 40 TB JBOD, (2) 2.5 GbE
ADVED32N0N5H	VideoEdge Desktop NVR, 32 TB JBOD, (2) 2.5 GbE
ADVED24N0N5H	VideoEdge Desktop NVR, 24 TB JBOD, (2) 2.5 GbE
ADVED20N0N5H	VideoEdge Desktop NVR, 20 TB JBOD, (2) 2.5 GbE
ADVED16N0N5H	VideoEdge Desktop NVR, 16 TB JBOD, (2) 2.5 GbE
ADVED12N0N5H	VideoEdge Desktop NVR, 12 TB JBOD, (2) 2.5 GbE
ADVED08N0N5H	VideoEdge Desktop NVR, 8 TB JBOD, (2) 2.5 GbE
ADVED04N0N5H	VideoEdge Desktop NVR, 4 TB JBOD, (2) 2.5 GbE
ADVED00N0N5H	VideoEdge Desktop NVR, 0 TB JBOD, (2) 2.5 GbE

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 or illustra Flex 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.

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