

VideoEdge

NETWORK VIDEO RECORDER



VideoEdge Network Video Recorders

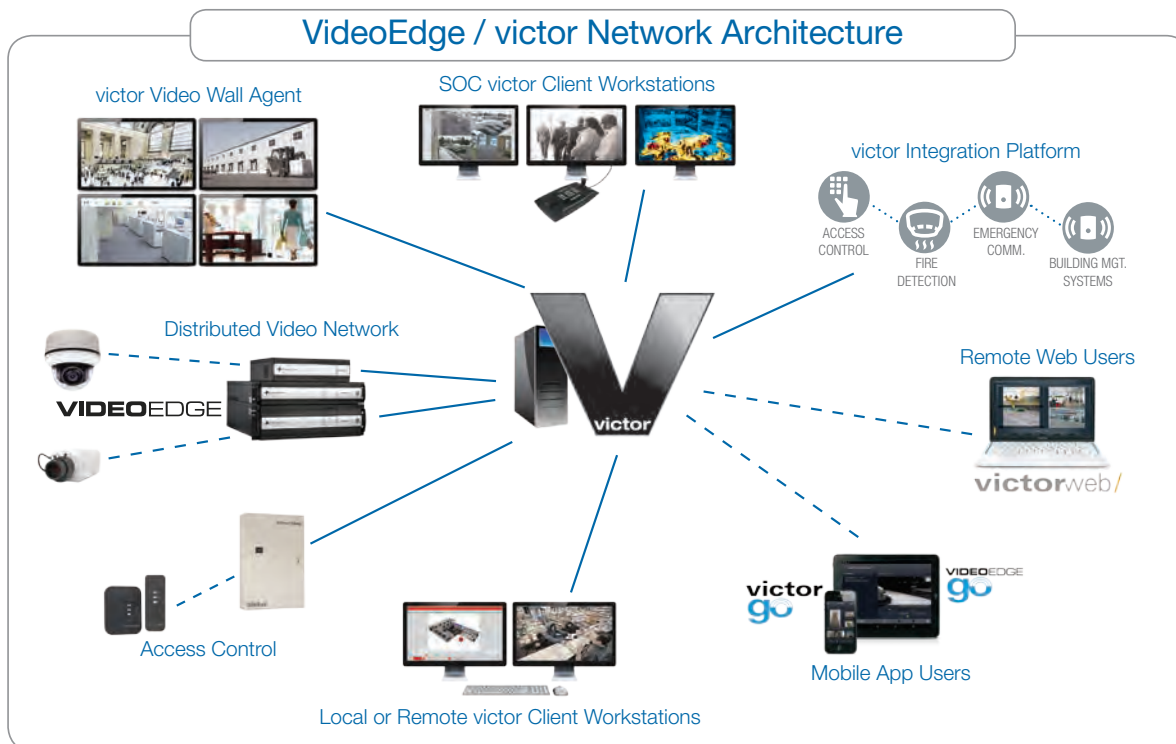
VideoEdge Network Video Recorders (NVRs) offer a scalable solution from a single recorder to large, distributed, multi-NVR deployments. Featuring an advanced open architecture and simple design, you can easily deploy any number of cameras, adding and reassigning licenses at any time.

Benefit from Smart Search and Smart Streaming without any configuration needed. Leverage powerful analytics to gain vital information regarding consumer behaviors, when and where people gather, and foot traffic patterns.



FEATURES THAT MAKE A DIFFERENCE

- **NEW!** MANAGE NVR LICENSES CENTRALLY ON THE VICTOR APPLICATION SERVER
- **NEW!** ANALYTICS SUPPORT FOR ILLUSTRATE CAMERAS
- INTUITIVE FAMILY OF CLIENTS ENABLES VIDEO MONITORING OF VIDEOEDGE FROM ALMOST EVERYWHERE
- ADVANCED VIDEO STREAM MANAGEMENT
- IP CAMERA AUTO DISCOVERY GETS YOUR SYSTEM UP AND RUNNING QUICKLY
- POS TEXT INTEGRATION HELPS IDENTIFY FRAUD AND CASHIER PROFICIENCY
- N+2 FAILOVER REDUNDANCY FOR WORRY-FREE SYSTEM OPERATION
- SUPPORTS ONVIF PROFILE S
- HTTPS, SSL AND TLS TO PROMOTE CYBERSECURITY
- FRONT-ACCESSIBLE STORAGE DRIVES THAT CAN BE HOT SWAPPED



Ordering Information

Model Numbers	Description
VideoEdge Micro NVR	
ADVEM02N0NP4	VideoEdge Micro NVR with 4 IP camera license and 2 TB storage, 4 PoE ports built-in, no RAID; supports up to 8 IP cameras
ADVEM02N0NP8	VideoEdge Micro NVR with 4 IP camera license and 2 TB storage, 8 PoE ports built-in, no RAID; supports up to 8 IP cameras
VideoEdge Desktop NVR	
ADVED00N0N4B	VideoEdge Desktop NVR with 4 IP camera licenses, 0 TB storage, 2 NIC
ADVED02N0N4B	VideoEdge Desktop NVR with 4 IP camera licenses, 2 TB JBOD, 2 NIC
ADVED04N0N4B	VideoEdge Desktop NVR with 4 IP camera licenses, 4 TB JBOD, 2 NIC
ADVED06N0N4B	VideoEdge Desktop NVR with 4 IP camera licenses, 6 TB JBOD, 2 NIC
VideoEdge 2U NVR	
ADVER00R5N2B	VideoEdge 2U NVR, 4 IP camera licenses, 0 TB storage, 4 NIC, includes RAID controller and redundant power supply
ADVER06N0N2B	VideoEdge 2U NVR, 4 IP camera licenses, 6 TB RAID 0, 4 NIC, includes RAID controller and redundant power supply
ADVER08R5N2B	VideoEdge 2U NVR, 4 IP camera licenses, 8 TB RAID 0, 4 NIC, includes RAID controller and redundant power supply
ADVER12N0N2B	VideoEdge 2U NVR, 4 IP camera licenses, 12 TB RAID 0, 4 NIC, includes RAID controller and redundant power supply
ADVER12R5N2B	VideoEdge 2U NVR, 4 IP camera licenses, 12 TB RAID 5 (16 total), 4 NIC, redundant power supply
ADVER18R5N2B	VideoEdge 2U NVR, 4 IP camera licenses, 18 TB RAID 5 (24 total), 4 NIC, redundant power supply
ADVER20R5N2B	VideoEdge 2U NVR, 4 IP camera licenses, 20 TB RAID 5 (24 total), 4 NIC, redundant power supply
ADVER30R5N2B	VideoEdge 2U NVR, 4 IP camera licenses, 30 TB RAID 5 (36 total), 4 NIC, redundant power supply
VideoEdge Rack Mount NVR Server	
ADVER06N0DF	VideoEdge Rack Mount NVR, 4 IP camera licenses, 6 TB RAID 0, 4 NIC, redundant power supply
ADVER18R5DF	VideoEdge Rack Mount NVR, 4 IP camera licenses, 18 TB RAID 5 (24 total), 4 NIC, redundant power supply
ADVER36R5DF	VideoEdge Rack Mount NVR, 4 IP camera licenses, 36 TB RAID 5 (42 total), 4 NIC, redundant power supply
ADVER48R5DF	VideoEdge Rack Mount NVR, 4 IP camera licenses, 48 TB RAID 5 (54 total), 4 NIC, redundant power supply
ADVER66R5DF	VideoEdge Rack Mount NVR, 4 IP camera licenses, 66 TB RAID 5 (72 total), 4 NIC, redundant power supply
ADVER90R5DF	VideoEdge Rack Mount NVR, 4 IP camera licenses, 90 TB RAID 5 (96 total), 4 NIC, redundant power supply
VideoEdge NVR HD Kits	
ADVER03TBTAD	Compatible with VideoEdge 2U NVR, 3 TB Hot Plug HD Kit w/Tray
ADVER04TBTAD	Compatible with VideoEdge 2U NVR, 4 TB Hot Plug HD Kit w/Tray
ADVER06TBTAD	Compatible with VideoEdge 2U NVR, 6 TB Hot Plug HD Kit w/Tray
ADVE730HD06TBI	Compatible with VideoEdge Rack Mount NVR Server, 6 TB Internal HD Kit
ADVE730HD06TBT	Compatible with VideoEdge Rack Mount NVR Server, 6 TB Hot Plug HD Kit
VideoEdge NVR Accessories	
ADVEMRACKITA	VideoEdge Micro NVR rackmount ear kit
ADVEMWALKITA	VideoEdge Micro NVR wall mount bracket kit
ADVEDRACKKIT1	VideoEdge Desktop NVR, Rack Mount Server Kit Brackets
ADVER04GBH2A	VideoEdge 4 GB Memory Kit for ADVERxxxxx2A recorders
ADVEFHBA730	VideoEdge Rack Mount NVR Server, Fiber HBA Adapter Kit

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NETWORK VIDEO RECORDER SPECIFICATIONS

www.americandynamics.net

Hardware Specifications of Purpose Built IP Network Video Recorders

Recorders	Micro NVR	Desktop NVR	2U NVR	Rack Mount NVR
Camera Type	IP	IP	IP	IP
Max # of Cameras	8	32	64	128
Operating System	SUSE Linux JeOS, SLES 12 SP1	SUSE Linux JeOS, SLES 12 SP1	SUSE Linux JeOS, SLES 12 SP1	SUSE Linux JeOS, SLES 12 SP1
OS Drive	Single 500 GB	Single 500 GB	Single 500 GB	Redundant 500 GB (RAID 1)
Network Interface	2 x 1 GigE NICs; 4 x PoE 2 x 1 GigE NICs; 8 x PoE	2 x 1 GigE NICs	4 x 1 GigE NICs	4 x 1 GigE NICs
RAID Controller	None	None	Yes; see ordering information	Yes; see ordering information
Video Storage	2, 4 TB	0, 2, 4, 6 TB	0, 6, 12, 18, 30 TB	6,18, 36, 48, 66, 96 TB
External Storage	USB 3	USB 3, iSCSI	USB 3, iSCSI	USB 3, iSCSI
Power Supply	4 PoE Port 120W 8 PoE Port 180W	300W	400W	495W
Redundant Power Supply	No	No	Yes	Yes
Max BTU	4 PoE Port 420 8 PoE Port 630	700	1000	1908
Monitor Interface	1 VGA	1 DVI, 1 VGA, 1 HDMI	1 VGA, 1 DVI	1 VGA
Max. Digital Monitors	1	1	1	1
Local Client	Yes	Yes	Yes	No
Video Recording Throughput	40 Mbps ¹	100 Mbps	200 Mbps	400 Mbps
Dimensions (W x H x D)	36 x 4.4 x 19.5 cm (14.18 x 1.74 x 7.68 in)	39.7 x 10.9 x 34.9 cm (15.6 x 4.3 x 13.75 in)	48.3 x 8.6 x 53 cm (19 x 3.38 x 21 in)	48.3 x 8.7 x 75.6 cm (19 x 3.43 x 29.75 in)
Regulatory	FCC Part 15, Class A; CE: EN55022, Class A; CE: EN6100-3-2; 3-3; ICES-003/NMB-003, Class A; AS/NZS CISPR22, Class A Immunity CE: EN50130-4 CE: EN55024 Safety UL 60950-1 (2nd Ed); IEC/EN 60950-1; CSA C22.2 60950-1			

¹ 20 Mbps with local Client

Hardware Requirements for Commercial Off-the-Shelf (COTS) Servers

	Up to 32 Cameras	Up to 64 Cameras
Operating System	SUSE Linux JeOS, SLES 12 SP1	SUSE Linux JeOS, SLES 12 SP1
Processor	Core i3 2100, 3.1 GHz	Intel Xeon E5-2620, 2.00GHz
Memory	8 GB, 1333 MHz	8 GB, 1333 MHz
OS Drive	500 GB with 16 M Cache Memory 7200 RPM	500 GB with 16 M Cache Memory 7200 RPM
Network Interface	Minimum: Two 1 GB NICs, Recommended: Three	Minimum: Two 1 GB NICs, Recommended: Three
RAID Controller	As Needed	As Needed
Video Storage	As Needed	As Needed
External Storage	iSCSI, USB ² , Enterprise 7200 RPM SATA	iSCSI, USB ² , Enterprise 7200 RPM SATA
Video Recording (write to disc)	Max 50 Mbps	Max 300 Mbps

² USB3 port only

