

# VideoEdge Hybrid

Powerful recording solution for IP and analog cameras



## Features That Make a Difference:

- **NEW!** Simple web-browser interface
- **NEW!** Save investigation time with analytic searches by filtering with color
- **NEW!** Crowd formation event alerts security as small crowds form becoming big problems
- **NEW!** Queue length monitoring helps improve customer experience and optimize operations in stores, casinos, stadiums, etc.
- Enterprise functionality – LDAP, SNMP, and multicast support
- Available in three form factors
  - 16-channel desktop recorder
  - 32-channel 2U rack-mount recorder
  - 64-channel 3U rack-mount recorder
- VideoEdge Go mobile app
- Unique video stream management offers superior quality video in constrained environments
- Embedded video analytics
- Real-time system health monitoring
- Failover redundancy for worry-free system operation
- POS text integration helps identify fraud and cashier proficiency
- HTTPS and SSL security hardening protects against cyber-attacks and other threats
- Supports ONVIF Profile S
- IP camera auto discovery

## Easy, Flexible Set Up and Management

### Easy Configuration:

VideoEdge Hybrid features an intuitive interface and auto-populating templates. Compatible with both 4:3 and HD 16:9 aspect ratio video formats, you can record and manage video from standard resolution analog to high-definition megapixel IP cameras.

### Camera Auto Discovery:

Quickly find cameras on your network, and automatically assign IP addresses.

### Three Form Factors:

- 16-channel IP or 8-channel analog with up to 8 analog inputs
- 32-channel recorder with up to 16 analog inputs
- 64-channel recorder with up to 32 analog inputs

Where an analog input is not needed, you can add an IP camera in its place by adding a license. Migrate to IP cameras at your own pace.

## Intuitive Family of Clients

### Flexible Client Options:

Intuitive options include VideoEdge Client, VideoEdge Go Mobile app, victor Unified Client, and our new victor Web LT to view, play back and search video from anywhere with network access. See our victor Web LT data sheet for details.

## Advanced network streaming

### Industry Best Dynamic Video Stream Management<sup>(1)</sup>:

Built in intelligence allows users to receive multiple streams tailored to viewing conditions. The end result is superior video with significantly reduced network bandwidth, CPU resources, and memory usage.

### Multicast Support:

Multicast video streams further reduce the bandwidth required for streaming high-quality video.

## Fast, Superior Results

### Sophisticated Embedded Analytics:

Transform video into business intelligence to better analyze operations, maximize revenue potential, and increase situational awareness.

### New capabilities:

include color filtering, crowd detection, and queue length monitoring. Read our Video Intelligence and Analytics data sheet.

### Smart Search:

Smart Search uses motion data collected with video while it is recorded, versus running time-consuming searches against archived video.

## Highly Secure

### “FISMA Ready”:

VideoEdge Hybrid can be configured to meet NIST SP 800-53 requirements. Read our White Paper.

With a customized version of SUSE Linux installed as JeOS VideoEdge delivers high performance while maintaining network security.

## Ideal for Enterprise Applications

### Scalable Solution:

Scalable from a single NVR to a large, multi-site architecture; easily deploy any number of cameras, adding licenses at any time.

### LDAP Support:

Automate user rights and privileges through Windows Active Directory by linking user profiles to the video management system.

### VMS Failover, External Archiving and RAID Options:

Ensures worry-free system operations and secure data, even in hosted environments. Should you lose power or system communication, all functionalities can be transitioned seamlessly to the secondary system, including recorded video. Archiving can be scheduled to download to most any type of storage system.

(1) Feature available only when used with victor Unified Client

Chassis	Desktop	2U Rack-Mount Server	3U Rack-Mount Server
<b>Operating System</b>	SUSE Linux JeOS	SUSE Linux JeOS	SUSE Linux JeOS
<b>Processor</b>	4th Generation core i3	4th Generation core i5	4th Generation core i7
<b>Memory</b>	8 GB	8 GB	8 GB
<b>OS Drive</b>	500 GB Enterprise SATA	500 GB Enterprise SATA	500 GB Enterprise SATA
<b>Network Interface</b>	2 x 1Gigabit Ethernet NICs	2 x 1Gigabit Ethernet NICs	2 x 1Gigabit Ethernet NICs
<b>RAID Controller</b>	None	RAID Controller with 18 TB model only	
<b>Video Storage</b>	0, 2, 4 TB	0, 3, 6, 12, 18 TB	6-36 TB <sup>2</sup>
<b>External Storage Support</b>	USB <sup>3</sup> , iSCSI	USB <sup>3</sup> , iSCSI	USB <sup>3</sup> , iSCSI
<b>Power Supply</b>	300W	400W	400W
<b>Max BTU</b>	700	1000	1000
<b>Rack-mount</b>	NA	2U	3U
<b>Max IP Inputs</b>	16	32	64
<b>Max Analog Inputs</b>	8	16	32
<b>Max Digital Monitor</b>	1	1	1
<b>Digital Monitor Interface<sup>4</sup></b>	1 x DVI; 1 x HDMI; 1 x VGA	VGA & DVI	VGA & DVI
<b>Max Analog Monitors</b>	1	2	2
<b>Max # Analog Audio In</b>	8	16	32
<b>Audio Out</b>	Yes	Yes	Yes
<b>Max # Alarm Contact In</b>	8	18	36
<b>Analog Loop Through</b>	None	Yes	Yes
<b>RS422</b>	1	1	1
<b>RS232</b>	1	2	2
<b>Video Recording</b>	100 Mbps	200 Mbps	300 Mbps
<b>Video Playback</b>	100 Mbps	200 Mbps	300 Mbps
<b>Dimensions (W·H·D)</b>	39.62 x 10.9 x 34.9 cm (15.6 x 4.3 x 13.75 in)	48.3 x 8.6 x 61 cm (19 x 3.375 x 24 in)	48.3 x 13 x 61 cm (19 x 5.125 x 24 in)
<b>Regulatory</b>	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 CE: EN50130-4; CE: EN50130-4; CE: EN50130-4 UL 60950-1(2nd Ed.); IEC/EN 60950-1; CSA C22.2 60950-1		

(2) Raw disk space

(3) Via USB port only

(4) VideoEdge Client supports monitor resolution of 1920x1080

## Ordering Information

Model Numbers	Description
ADVED00N0H4B	VideoEdge Hybrid Desktop with 8 analog, 4 IP cameras and 0 TB internal storage
ADVED02N0H4B	VideoEdge Hybrid Desktop with 8 analog, 4 IP cameras and 2 TB internal storage
ADVED04N0H4B	VideoEdge Hybrid Desktop with 8 analog, 4 IP cameras and 4 TB internal storage
ADVER00N0H2B	VideoEdge Hybrid 2U with 16 analog, 4 IP cameras and 0 TB storage
ADVER03N0H2B	VideoEdge Hybrid 2U with 16 analog, 4 IP cameras and 3 TB storage
ADVER06N0H2B	VideoEdge Hybrid 2U with 16 analog, 4 IP cameras and 6 TB storage
ADVER12N0H2B	VideoEdge Hybrid 2U with 16 analog, 4 IP cameras and 12 TB storage
ADVER15R5H2B	VideoEdge Hybrid 2U with 16 analog, 4 IP cameras and 15 TB RAID5 storage
ADVER00N0H3B	VideoEdge Hybrid 3U with 32 analog, 4 IP cameras and 0 TB storage
ADVER03N0H3B	VideoEdge Hybrid 3U with 32 analog, 4 IP cameras and 3 TB storage
ADVER06N0H3B	VideoEdge Hybrid 3U with 32 analog, 4 IP cameras and 6 TB storage
ADVER12N0H3B	VideoEdge Hybrid 3U with 32 analog, 4 IP cameras and 12 TB storage
ADVER15R5H3B	VideoEdge Hybrid 3U with 32 analog, 4 IP cameras and 15 TB RAID5 storage

## Related Products



victor

Illustra IP  
CamerasDiscover Analog  
Cameras

RAID storage

Software House  
C-CURE 9000

## Approvals


[www.americandynamics.net](http://www.americandynamics.net)