American Dynamics
From Tyco Security Products

VideoEdge Hybrid
Powerful recording solution for IP and analog cameras

Features That Make a Difference:

- Available in three form factors
    - 16-channel desktop recorder
    - 32-channel 2U rack-mount recorder
    - 64-channel 3U rack-mount recorder

- VideoEdge Client for viewing of both analog and IP cameras

- Dynamic bandwidth management

- Embedded video analytics

- RAID5 redundancy (model dependent)

- Real-time system health monitoring

- Supports ONVIF Profile S

- VideoEdge Go mobile app provides visibility from anywhere

- POS text insertion

- Thumbnail search results

- Supports Illustra IP camera analytics

- Local storage video vaulting and external storage archiving

- Recorder failover

VideoEdge Hybrid is a powerful, high-performance solution for recording and managing video from standard resolution analog to high-definition megapixel IP cameras. VideoEdge Hybrid is compatible with both 4:3 and HD 16:9 aspect ratio video formats, and is easy to set up and configure. It enables multiple video streams for live viewing, continuous or alarm based recording, and meta-data collection. It supports MJPEG, MPEG-4 and H.264 video compression.

VideoEdge Hybrid is available in three form factors: 32 channel IP or 8 channel IP and 8 channel analog with up to 8 analog inputs. A 32-channel recorder with up to 16 analog inputs, and a 64-channel recorder with up to 32 analog inputs. In cases where an analog input is not needed, you can add an IP camera in its place by adding an IP camera license. This allows you to migrate to IP cameras at your own pace.

Due to its Linux Just enough Operating System (JeOS), VideoEdge Hybrid delivers high performance while maintaining network security. With its open system architecture design, you can deploy any number of cameras, adding camera licenses at any given time, for a solution that easily scales from a single site to a large, multi-site architecture. Using VideoEdge's advanced video motion analytics meta-data, operators can search through days of video in seconds. All analytics capabilities are licensed to the server and can be dynamically allocated from one camera to another. See the Video Intelligence and Analytics data sheet for more information.

The entire VideoEdge portfolio offers unique built-in dynamic bandwidth management and transcoding. This allows you to view high-quality video in real time, when connected through a narrow bandwidth connection. You can even cap the data transmitted over the LAN and WAN. This ensures high-quality video from any location, regardless of Internet connection type.

VideoEdge Hybrid's intuitive client allows you to manage and monitor live and recorded high-resolution video, audio and export without the need for an additional computer. The client requires no installation and is easy to set up making it ideal for small/mid-size businesses with a single site or single recorder. Its basic investigator mode is designed for forensic searches, when you need to find an event based on time and date, analytics or POS text, quickly and easily. POS data can be viewed along with video.

For more advanced applications such as object association, building video walls, or support for multiple operators, VideoEdge Hybrid can be used with the intuitive victor Client. With the added functionality of victor, you can use VideoEdge Hybrid as part of a completely unified security solution. From a single intuitive interface, you can manage events from a Software House C•CURE 9000 access control system, as well as those from any device integrated through it (intrusion, visitor management, real time tracking, etc.). See the victor Unified Client data sheet for more information.

VideoEdge Go, our full-featured video surveillance app for mobile devices, allows you to quickly investigate live and recorded video from any VideoEdge recorder. The app is compatible with all iOS devices and utilizes dynamic bandwidth management to provide high-quality video over Wi-Fi and 3G connections. See the VideoEdge Go data sheet for more information.

Chassis	Desktop	2U Rack-Mount Server	3U Rack-Mount Server
Operating System	SUSE Linux JeOS	SUSE Linux JeOS	SUSE Linux JeOS
Processor	Core i3	Core i5	Core i7
Memory	8GB	8GB	8GB
OS Drive	500GB Enterprise SATA	500GB Enterprise SATA	500GB Enterprise SATA
Network Interface	2 x 1Gigabit Ethernet NICs	2 x 1Gigabit Ethernet NICs	2 x 1Gigabit Ethernet NICs
RAID Controller	None	RAID Controller (Optional with 18TB model only)	
Video Storage	0, 2 or 4TB	0, 3, 6, 12 or 18TB*	
External Storage Support	USB**, iSCSI	USB**, iSCSI	USB**, iSCSI
Power Supply	300W	400W	400W
Max BTU	700	1000	1000
Rack-mount	NA	2U	3U
Max IP Inputs	16	32	64
Max Analog Inputs	8	16	32
Max Digital Monitor	1	1	1
Digital Monitor Interface***	1 x DVI; 1 x HDMI; 1 x VGA	VGA & DVI	VGA & DVI
Max Analog Monitors	1	2	2
Max # Analog Audio In	8	16	32
Audio Out	Yes	Yes	Yes
Max # Alarm Contact In	8	18	36
Analog Loop Through	None	Yes	Yes
RS422	1	1	1
RS232	1	2	2
Video Recording	100Mbps	200Mbps	300Mbps
Video Playback	100Mbps	200Mbps	300Mbps
Dimensions (W·H·D)	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)
Emissions	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: EN50130-4	CE: EN50130-4
Safety	UL 60950-1(2nd Ed.); IEC/EN 60950-1; CSA C22.2 60950-1		

*Usable storage is more like 13867.79 GB **Via USB port only ***VideoEdge Client supports monitor resolutions of 1920x1080 and 1280x1024

Ordering Information

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

Related Products

victor

Illustra IP Cameras

Discover Analog Cameras

RAID storage

Software House C•CURE 9000

Approvals

RoHS 2002/95/EC

CE

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