

FX Video™

Flexible, Scalable DVR/NVR Capabilities

FX Video DVR/NVR™ capabilities give you the flexibility to incorporate analog or IP network-based cameras for video surveillance – or a combination of both – into your asset management solution. Available in three distinct rackmount configurations to meet a broad range of needs, FX Video delivers maximum flexibility in how you program recording, view events, store data, and perform many other functions. Based on open architecture and industry standards, it can be implemented with minimal impact on your existing network or computing platforms.

FX Video configurations range from a standard DVR/NVR solution; to an enterprise-level DVR/NVR hybrid with hot-swappable drives to boost availability; to an enterprise-level NVR-only solution with RAID-based increased fault tolerance. FX Video is highly scalable: you can start with just one camera and then, depending on the configuration you select, move up to as many as 64 IP cameras or, in a hybrid configuration, 16 analog and 16 IP cameras for a total of 32 cameras per NVR.

The system hard drive and I/O are also expandable to increase the amount of data storage and number of inputs/outputs.



Features and Benefits

- Three rackmount configurations to meet a variety of needs
- Browser- or client-based viewing
- Support for up to 64 IP cameras at one time in NVR-only configuration
- Support for up to 32 combined analog-and-IP cameras in DVR/NVR configurations
- Ability to add IP cameras to existing analog installations
- Continuous, motion-triggered, alarm/event-based, and on-demand recording
- Remote viewing and live video downloading
- Easy back-up to DVD-RW drive or other media
- Configurations with hot-swappable drives for high availability
- Infinite video storage via RAID capabilities on selected configurations
- User-selectable variable bandwidth or fixed-bandwidth control
- Automatic alarm notification and logging
- Password-protected access and user-defined access levels

Product Highlights

- Flexible
 - Analog, IP, or combination analog-and-IP
 - Unified management of analog-and-IP camera
 - Up to 64 IP camera inputs and screen displays*
 - Individually addressable cameras to combine multiple brands
 - User-selectable recording modes
 - Programmable frame rate and resolution
 - Remote capabilities
 - Multiple back-up and storage options
 - Option to add audio recording or Voice over IP
- Responsive
 - User-defined triggers for recording and alarming
 - Automatic switch to different view upon new input
 - Remote client notification of alarms
 - Email notifications including JPEG images of events
 - Logging of all events that result in notification
- Easy to use
 - Familiar Microsoft Windows-based interface appearance
 - Event viewing via Web browser
 - Searching by time, event, and date

*NVR-only configuration

Specifications

	Standard DVR/NVR	Enterprise DVR/NVR	Enterprise NVR
Profile	Rackmount	Rackmount	Rackmount
Processor	3.2 GHz Intel® Pentium® D dual core processor	3.2 GHz Intel Pentium D dual core processor	3.2 GHz Intel Pentium D dual core processor
Hard Drive	300 GB expandable to 1.2 TB	1.5 TB RAID 5 Hot-swappable	1.5 TB RAID 5 Hot-swappable
Memory	512 MB	512 MB	512 MB
Communication	NIC 10/100	NIC 10/100	NIC 10/100
Camera Inputs	4 to 16 analog/IP	4 to 32 analog/IP	1 to 64 IP only
Monitor Outputs	1 output to SVGA color monitor	1 output to SVGA color monitor	1 output to SVGA color monitor
FPS	480	480	480
Video Resolution	1,2 and 4 CIF	1,2 and 4 CIF	1,2 and 4 CIF
Compression Engine	MPEG-4 or MJPEG	MPEG-4 or MJPEG	MPEG-4 or MJPEG
Watchdog	Yes	Yes	Yes
Operating System	Microsoft® Windows® XP	Microsoft Windows XP	Microsoft Windows XP
External I/O	16 expandable to 128	16 expandable to 128	16 expandable to 128
Hot-swappable drives	No	Yes	Yes
RAID external storage	No	Yes	Yes
Dimensions	4U	4U	1U

Supported Devices and Protocols

IP Cameras

- Generic IP camera
- Generic IP MJPEG streaming
- AXIS 2120
- AXIS 221
- Panasonic WV-NM100
- Sony SNC-RZ230N
- Sony SNC-DF70N
- Toshiba IK-WBI 1A

Encoders

- AXIS 241Q (analog-to-IP with PTZ control)

PTZ Protocols

- AD ASCII continuous
- AD ASCII make/break
- Axis V2 IP

PTZ Protocols continued

- Canon VC-C4
- Kalatel
- Panasonic IP
- Panasonic WV-CS850 Conv/New
- Pelco ASCII
- Pelco D
- Pelco P
- Philips Biphase
- SAE
- Samsung
- Sensormatic
- Sony EVI—D30/D31
- Sony Visca IP
- Toshiba IK-WB IP
- Ultrak KD6 (Diamond)
- VCL
- Vicon

Asset Protection – Complete, Connected Control.