

Video Insight IP Video Surveillance

Camera Support

- Support for 300 camera models from 30 manufacturers
- Supports Megapixel cameras including live and recorded zoom
- Supports motion detection at the camera level and at the server
- Scalable to over 100 cameras per server and unlimited servers
- Multi resolution support
- H264 support for Axis, Sony, and IQeye
- Automated camera discovery
- Supports virtual cameras from IQeye and Arecont



Live Video

- Full featured Windows and Web Client
- Requires little or no end user training
- Centralized viewing of live and recorded images from any client
- Quickly navigate between cameras from any server using standard windows explorer tree structure
- Unlimited users can view live and recorded video simultaneously
- Digital zoom
- High resolution DirectShow live display
- Centrally stored customized layouts with camera sequencing that can pull

cameras from multiple servers on the same display

- Live and Recorded Audio
- Facility map setup requires no programming; simply import jpegs or Gifs or BMP and drag and drop cameras, other maps, and layouts
- Integrated multi-layered facility maps provide an overview of camera placement for quick access
- High speed viewing over web interface via streaming MPEG4
- Privacy zones on live and recorded video
- Cycle cameras
- Supports an unlimited number of PTZ presets and cycling through presets
- PTZ Panning
- Axis PTZ Joystick Control
- Digital PTZ option
- Motion Zone labels
- Up to 30 fps per camera
- Hide all menus from users
- Web client supports IE, Firefox, Safari, and Chrome
- PDA support for Windows CE and Opera Mini allows live, recorded, and PTZ control
- Web client supports video streams from JPEG, MPEG4 and H.264 cameras
- Support for Video walls via Axis Video decoder

Recorded Video

- Motion activated recording for JPEG, MPEG4 and H.264 cameras with sensitivity



- and privacy zones
 - Record always, on motion, on a schedule or on a trigger basis
 - Watermark recorded video to identify tampering
 - Intuitive play, pause, and rewind functionality
 - Frame by frame or variable play back speeds
 - Motion Event logs allow quick review of video associated with motion or alarm events
 - Synchronized playback of multiple cameras
 - Consistent date/timestamp on all recorded images
 - Option to see last 30 seconds of recording via mouse select
 - Larger buffer playback for easy scrolling after download
 - Progressive download speeds video retrieval over slow speed connection
 - Recorded frame rate changes can be triggered by motion or alarm events
 - Automatically manages files and disk space to ensure continuous recording
 - AVI Format is compatible with all major media players
 - Customizable by camera pre and post motion buffers
 - Two click process to create an AVI file for export to CD
 - Zoom and view recorded videos
 - 70% storage reduction when using JPEG with our transcoding technology
 - Video can be saved in cameras native format of JPEG, MPEG4 or H.264
- ## Multi Location support
- View live and recorded video from multiple locations in a single display
 - Monitor Station provides centralized configuration for all servers and cameras

- Hybrid integration with the Video Insight analog cards for support of analog cameras without video servers
- Customizable layouts can include cameras from multiple locations
- Multi level facility maps make it easy to pick locations and facilities using a graphical representation
- No extra licensing cost per multiple viewers
- Unlimited servers and cameras
- Health Monitor ensures all servers and cameras are operational
- Detailed information about each camera including phone numbers to call in case of an event

Audio

- Synchronized audio with playback
- Buffer audio in low speed environments
- Review recorded audio from any server

Automation Features

- Easy to use automation tools allow the system to take actions after an event.
- Rules manager for setting up trigger events and resulting actions
 - o Triggers include any combination of alarm inputs, motion detection, schedules, Software Development Kit (SDK), TCP/IP inputs
 - o Resulting actions can include change camera settings, cycle spot monitor, change frame rates, email custom message, email AVI clip, move PTZ cameras to presets, record with audio, switch camera.



- Email notifications
 - o With attached video images on motion and alarm activation
 - o On operational interruption due to camera or server malfunction
 - o On recording storage exceeded
 - o On systems errors
 - o On disabled recording
- Automatic upgrade of Monitor Station upon startup
- Dynamic add and removing of cameras to the servers

Technology

- Proprietary transcoding technology saves up to 10x bandwidth and 3x storage
- Developed in open technologies including .Net. Support for WMV recording formats
- Application runs as a Windows Service
- High performance server based motion detection
- Stores recordings to multiple data paths
- Monitor Station recorded video playback only needs a single port open
- SQL Based
 - o Settings and event log stored in the SQL database
 - o Microsoft SQL Server is automatically installed during setup included with the product
 - o Multiple servers can share a single database
 - o The SQL Server can be anywhere on the network

- o Backup database can be setup on a remote server
- o Easy integration with self explanatory tables and field names
- IIS Load Balancing
- Support for dynamic DNS
- Easy integration with access control and other applications
- Built for Windows XP, 2003, and 2008
- Full Software Development Kit (SDK)
- Single or multiple database support
- System backup created in XML each time server is shut down

Storage

- Supports external storage devices including servers, NAS, and SAN
- Recordings from each camera can be stored on different devices
- By default will use all available disk space and overwrite the oldest files
- Specify maximum days to store by camera
- Specify maximum file size for each camera
- Archive manager recompresses video, moves, and trims video, doubling storage capacity
- Delete files after specified number of days

Security

- Remove all Windows command including the Start



- button
- Runs as a Windows Service
- Integrates with Active Directory
- Multi level security including server level, camera level and PTZ control
- 5 user levels
- PTZ control user priority
- Support for SSL
- Privacy Zones
- Support for groups of users
- Password protected shutdown
- Password protected user settings
- Comprehensive log of all changes to system
- Create clips with Watermarks
- Security on custom layouts and facility maps

Accessory Products

- Health Monitor – Comprehensive remote monitoring of system status. Each server, on a customizable interval, can send an outbound message to the Health Monitor. The communication is only outbound from the server and will work behind firewalls
 - o Monitoring options include System status, camera status, recording status, no video has been detected, low disk space
 - o Notifications include:
 - o Quick dashboard view of the status of all servers and cameras
 - o Email notification on system failure
 - o System runs as a Windows Service
 - o Access via the server or via the internet with a browser