



Visec NVR IP Camera Intergration - Megapixel Technology

The power of megapixel Video surveillance

Visec® Surveillance is an IP Network / Digital video recorder that provides a complete solution to today's most demanding video surveillance requirements. Visec® integrates scalable megapixel surveillance technology as part of a total IP convergence model.

Call us on 083 414 7406

E-Mail: sales@visec.co.za

www.visec.co.za

Video Display

Multi Camera Views

Up to 64 cameras (fps depending on system resources and LAN Bandwidth)

Resolution

View video in full, half and quarter resolution modes.

Maximum Resolution

Up to 2560x1600 (5 megapixel) full screen single camera display (max res. Depends on camera)

Frame Rate

Up to 45 fps per camera (Depending on CPU speed)



Visec® Surveillance Software Supports Full IP Camera Integration

- Scalable Solutions – Integrate hundreds of cameras into 1 solution
- Record and playback video up to 45fps
- Intelligent record, search & playback functionality
- Remote accessibility & management securely via the Internet
- Features proprietary algorithm technology
- Smart Recording Options:
 - Motion detection
 - Continuous or incremental
- Easy to use interface
- The configuration and operation of the system have been designed with ease of use in mind
- Supports most major IP camera manufacturers
- Also supports traditional CCTV technology



Advantages of Megapixel IP Cameras

- High Resolution Pictures
- All digital with a large field of view
- Up to 40 times more detail than standard CCTV cameras
- Easily Enlarge finer details of image
- Supports Power over Ethernet – Providing power and video in one line
- Standalone appliance with built in web server
- No separate capture device needed
- Encrypted Video Signal
- Cost effective deployment



Remote Access

Browser-based access

Access video remotely via any Internet Browser – LAN or WAN

Advanced Plug-in

Advanced plugin allows video management from any premise. Plugin written in C++ (not Java, or ActiveX that will crash)

Buffering/Streaming

Download and Stream video without downloading the entire clip for real time playback

Multi-User Access

Access simultaneous access to user

Video Archiving

Policy-Based Recording

Event driven. Record all video, incremental video, or when motion appears. Visec can email alerts, record based on scheduling, or certain custom frequencies for each camera.

Recording Frame Rate

Over 45fps @ 1920x1200 resolution (depending on camera if recording motion only)

Motion Detection

Specify multiple detection windows, motion sensitivity and minimum moving object size for each camera. Uses: VISEC Proprietary Motion Detection Technology (VPMD).

AVI Video Support

Create AVI from selected video selection multi codecs using the latest AVI support.

Disk Recording

Video stored in proprietary database format for fast archiving

Playback

Virtual PAN TILT ZOOM during playback. Control Playback Speed with easy to use interface. Fast Forward and Rewind up to 32X speed. Time Stamp Locator makes finding events quick and easy. Maximum Resolution Up to 2560x1600 (5 megapixel) full screen single camera display (max res. Depends on camera)

Frame Rate

Up to 30 fps per camera (Depending on CPU speed)

Miscellaneous

Security

Password protected

Remote Viewing

Password protected remote access and port configuration for advanced security

Installation

Automatic scanning of Arecont, Axis, Pixord, IQeye, Vivotek IP cameras and hybrid DirectX hardware. Most cameras are automatically identified and configured to the use IP addresses available in localnetwork

Language Support

English

Compatibility

Supports standard mjpeg IP cameras including Axis, IQeye, Arecont, Pixord, Bosch, Panasonic, as well as standard web cam using jpg pull. Also supports compatible DirectX hardware such as capture cards for USB / Firewire devices.

Software Development Kit

Coming Soon

Full Hybrid Support

From 4 channel card up to 32 Channels video capture cards



Visec® NVR with H.264

Visec® Surveillance Software Features

- Scalable Solutions
- Record and Playback video simultaneously
- Intelligent record, search and playback functionality
- Remote accessibility and management via Internet
- Features proprietary algorithm technology
- Smart recording options:
 - Motion detection
 - Continuous
 - Incremental
- Easy to use interface
- Easy to configure and operate
- Supports most major IP camera manufacturers
- Supports traditional CCTV technology
- Supports H.264 **NEW**



What is H.264?

H.264 is MPEG4 Part 10/AVC codec that provides high compression, high quality video, best suited for surveillance application. It makes use of block transfers and motion compensated predictive coding.

When compared with MPEG2 coding, MPEG4 (H264) uses 1/3 of the bandwidth (1/3 of storage space) to deliver the same quality video.

When compared with MPEG4(ASP), MPEG4 (H264) uses 3/5 of the bandwidth (3/5 of storage space) to deliver the same quality video.

These cards can be mixed and stacked for more channels.



The Benefits of H.264

- System Scalability
- Superior Image Quality
- Storage space of captured footage is drastically decreased as data is compressed
- Increased Resolution of images
- Increased Frame Rate
- Costs are minimized as systems are easily expandable

So whatever your industry, whatever your business or your requirement, Visec® Surveillance Systems has the solution.



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