inView™ Indoor Wide-Area Surveillance

Wide-area surveillance for large indoor applications

**Get the BIG picture in high resolution and
Look Everywhere, See Everything, All The Time™**

- Full immersive coverage of large warehouses or production areas
- WideView display of seamless, panoramic views – full situational awareness at all times
- Ability to pan/zoom through high resolution, immersive video
- Instant replay of incidents or critical processes
- Search capabilities for finding suspicious activity
- Optional motion detection for alarming suspicious, off-hours activities
- Any NTSC camera technology – color, B/W, infrared camera options
- Significantly improved operational efficiencies and lower total cost of ownership

Get Immersed in the BIG picture

iMove®

Cost Effective Wide Area Indoor Configuration

inView's wide-area surveillance capabilities are now available in configurations tailored to the needs of commercial warehouses, production areas or other large facilities that have continuous surveillance requirements. This breakthrough combination of high-end software capabilities with a lower cost hardware platform offers the extensive functionality and power of the inView System in a cost effective configuration for commercial indoor applications.
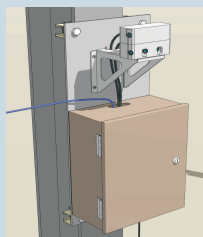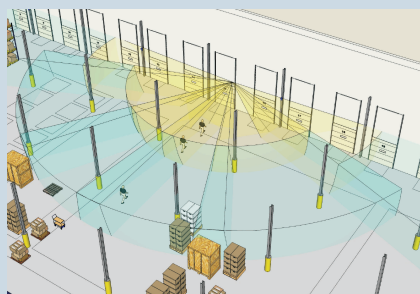

Comprehensive Monitoring, Archiving and Playback

Monitoring warehouse or production operations is significantly improved using inView's full immersive coverage at high resolution. Detection and identification of specific individuals and actions is now possible throughout the facility, avoiding the limitations of scanning PTZ cameras, low resolution fish-eye lenses or the restrictive coverage of CCTV cameras. Online storage provides flexible, long-term storage and instant access to any video, with search capabilities for rapid exploitation and location of specific events within the immersive video archive.

Total Coverage- Where You Need It

Each inView Sensor Head is configured to match your specific location requirements, positioning up to 8 NTSC cameras to provide a seamless immersive video panorama. Each camera lens can be fitted with a different focal length lens to provide custom coverage patterns for each location - longer range, narrower field-of-view (FOV) lenses for higher resolution in key areas, or wider FOVs for shorter range, broader coverage.

Flexible Installation, Minimal Infrastructure

The inView system is designed for flexible installation in a variety of facility environments. A beam mounted sensor is depicted here, with an inView sensor head connected to an electrical box with power and IP data transport equipment. Power and one Ethernet cable (or optical fiber pair) are the only infrastructure required for each sensor site.

Specifications

inView NTSC Immersive Sensor
- Up to 8 cameras @ 768x508 image resolution each
- Panoramic Field of View: Configurable up to full 360°
- Total sensor pixels: up to 2.5M
- Cameras: Color or Black/White
- Frame Rate: 7.5 frames per second
- Environmental: 5°C to 45°C
- Sensor Head Size: 6in x 2.5in x 4in

inView Sensor Management Console
- Desktop Sensor Display (SD): (3.8M pix) 3200x1600
- Management Display (MD): (1.9M pix) 1600x1200
- SD Controls: Mouse & Keyboard
- MD Controls: Mouse & Keyboard
- Console Power Requirements: 120V AC @ 15 amps
- Environmental: Office Environment
- Desktop Size: 8ft x 32in

Motion Detection (optional)
- Automated Motion Detection
- Guard Zone Management: Create, Delete, Activate & Suppress
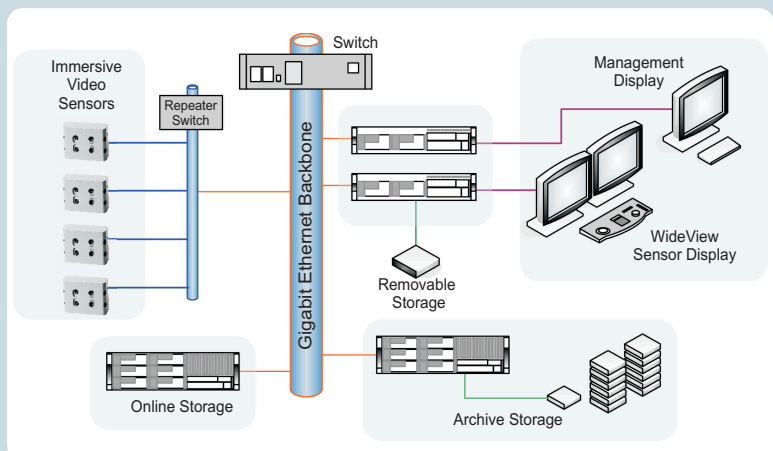
System Processing, Bandwidth & Storage
- Realtime Storage Loop: Configurable (typ 24-72 hours)
- Incident Archive: Configurable (typ ~100 hours)
- Removable Archive: Configurable (up to ~ 12 months)

Options
- IR Cameras
- High Resolution PTZ
    - Model: Axis 233
- SD Controls: Video Controller with Trackball & PTZ Joystick

Flexible, Scalable Architecture

inView's flexible, scalable architecture is maintained in the Indoor Surveillance system. The architecture is built on the GigE backbone, with all off-the-shelf networking equipment and IP data transport. inView's broadcast/tune approach to video distribution allows multiple consoles to be actively accessing any sensor, with independent viewing control and playback capability.

iMove