

Innovative video technology improves security system quality and efficiency.

The Johnson Controls Digital Vision Network combines digital video recording with sophisticated software to enhance video surveillance systems. This technology is designed to improve the way images are monitored, analyzed and archived. As video plays an increasingly important role in a total security solution, DVN can help expand its effectiveness.

The Johnson Controls DVN 5000 and DVN 3000 Series deliver high quality video and audio over low bandwidth conditions. Plus, DVN software suites make it possible for you to remotely manage complex digital video architectures. Which means wireless PDA's can serve as a realistic video surveillance solution.

Through advanced, easy-to-program functionality, the DVN "learns" a typical camera scene. Then it recognizes and records anomalies, detects abnormal motions and behaviors and sends alarms. The DVN also features cutting edge image analysis software. This can be activated to search recorded footage for user-defined objects.

Johnson Controls is a global provider of integrated security solutions for a variety of customers, including airport, government, healthcare, education and commercial and corporate real estate facilities. In addition to video imaging and surveillance, our diverse range of security management solutions includes access control systems, biometric readers, smart card, remote site monitoring and perimeter protection.

- Intelligent motion detection and object behavior tracking
- Easy to use
- Compact models
- Unlimited storage
- Hardware-based compression
- Real-time motion detection

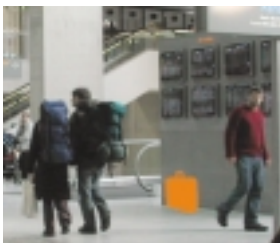


Digital Vision Network 5000 Series

The DVN 5000 Series is a high-performance line of 4, 8 or 16 channel Digital Audio/Video Recording and Management Systems. It offers excellent visual quality and performance. And it gives security personnel the option of specifying what represents suspicious behavior, and handling only images where suspicious behavior occurs. The DVN 5000 series uses hardware-based compression technology to provide superior performance and reliability. All images are digitally signed and encrypted, to protect against tampering or modification.

DVN 5000 features include:

- Recording speed up to 400/480 full frame images per second, at maximum quality and resolution
- No performance degradation with unsynchronized cameras
- Real-time recording, playing, viewing, archiving and transmission, regardless of image content or system activity
- Neural network motion detection and search capability
- Permanency detection (Alerts operator to items that are missing or left behind, e.g. abandoned baggage)
- Multiple image compression algorithms (Wavelet, Delta Wavelet, MPEG4, Enpacta)
- Network camera support – seamless integration of conventional and IP cameras
- True client-server architecture with full remote-control via TCP/IP
- Integrated web video/audio server for connections via Internet Explorer®.



Permanency Detection in the DVN 5000 alerts operators to abnormalities in a camera scene.



The Image Find feature of the DVN 3000 allows you to select a specific camera, date and time to pinpoint an exact image.

Digital Vision Network 3000 Series

The DVN 3000 Series is a fully featured 4, 8 or 16 channel Digital Video Management System. It seamlessly combines varying recording modes with self-contained motion detection features, external alarm inputs and built-in relay outputs. It's a fully automated system responding to external conditions requiring no user intervention. All images are digitally signed and encrypted, to protect against tampering or modification.

DVN 3000 features include:

- Recording speed up to 50/60 images per second, at maximum quality and resolution
- Real-time live display of 100/120 or 200/240 images per second
- Real-time recording, playing, viewing, archiving and transmission, regardless of image content or system activity
- Camera boost-automatically increase or decrease camera-recording rates in response to detected activity
- SVGA and digital spot monitor outputs
- Integrated web video/audio server for connections via Internet Explorer

DVN Software Suites

Johnson Controls DVN software enables remote viewing of live video from any or all connected cameras in real time, without delay or visual quality degradation. Experience smooth, consistently high quality video in full PAL/NTSC resolution (720 x 576 pixels/720 x 480 pixels) at up to 25/30 Images per Second per camera. View live in full screen. Allows remote management of complex digital video architectures, via LAN, WAN or Internet.

Software suite features include:

- Scalable for large or small security installations
- Intuitive Graphical User Interface (GUI) that's easy to use
- DeltaWavelet™ for high quality video in low bandwidth transmissions
- Works with any DVN 5000 or DVN 3000 Series server

