

Lenel® OnGuard® VideoManager™

Lenel Network Video Recorder™



IP Camera-based Digital Video Management

OnGuard VideoManager is Lenel's seamlessly integrated IP camera-based digital video management solution. Available in a Software Only version or as a turnkey solution, OnGuard VideoManager delivers the ultimate in flexibility and open architecture. OnGuard VideoManager is unique in offering customers the ability to tailor their systems to meet their specific digital video management requirements. OnGuard VideoManager is the only software solution that allows customers to select any computer as their network recorder, and to install their preferred IP camera and storage media, giving them the freedom of choice that they deserve.

Infinite Product Life Cycle

The Software Only version of OnGuard VideoManager revolutionizes the digital video marketplace by enabling customers to break away from the short life cycles of their DVR "boxes." Traditional DVRs might last only two to three years before their technology and feature set become antiquated. For this reason, in order to obtain the latest features and capabilities, customers must frequently purchase new DVR hardware, incurring substantial cost.

By contrast, customers who have the Software Only version of Lenel Network Video Recorder can acquire the latest features and technologies by simply installing the newest release of the software. Because the customer does not need to buy new hardware whenever a new feature set is released, the Software Only version has an infinite life cycle, and minimizes upgrade time and manpower costs. In addition, OnGuard VideoManager software can be installed on the customer's PCs of choice, as long as those PCs meet Lenel's minimum specifications. Lenel's ongoing commitment to open architecture is reflected in the hardware independence and flexibility that are built into the OnGuard VideoManager solution.

IP Camera Open Architecture

In a system that has IP-based video architecture, users can place IP cameras anywhere that there is an Ethernet network drop. This eliminates the distance limitations that are associated with analog cable runs between the cameras and digital video recorder. Each IP camera is assigned a unique address, and is accessible through the OnGuard Alarm Monitoring application via the Internet. Lenel can bring the customer's existing analog cameras into the Lenel Network Video Recorder through the use of analog-to-digital translator modules. This enables customers to preserve and leverage the investment made in their existing analog camera infrastructure.

Seamlessly Integrated Solution

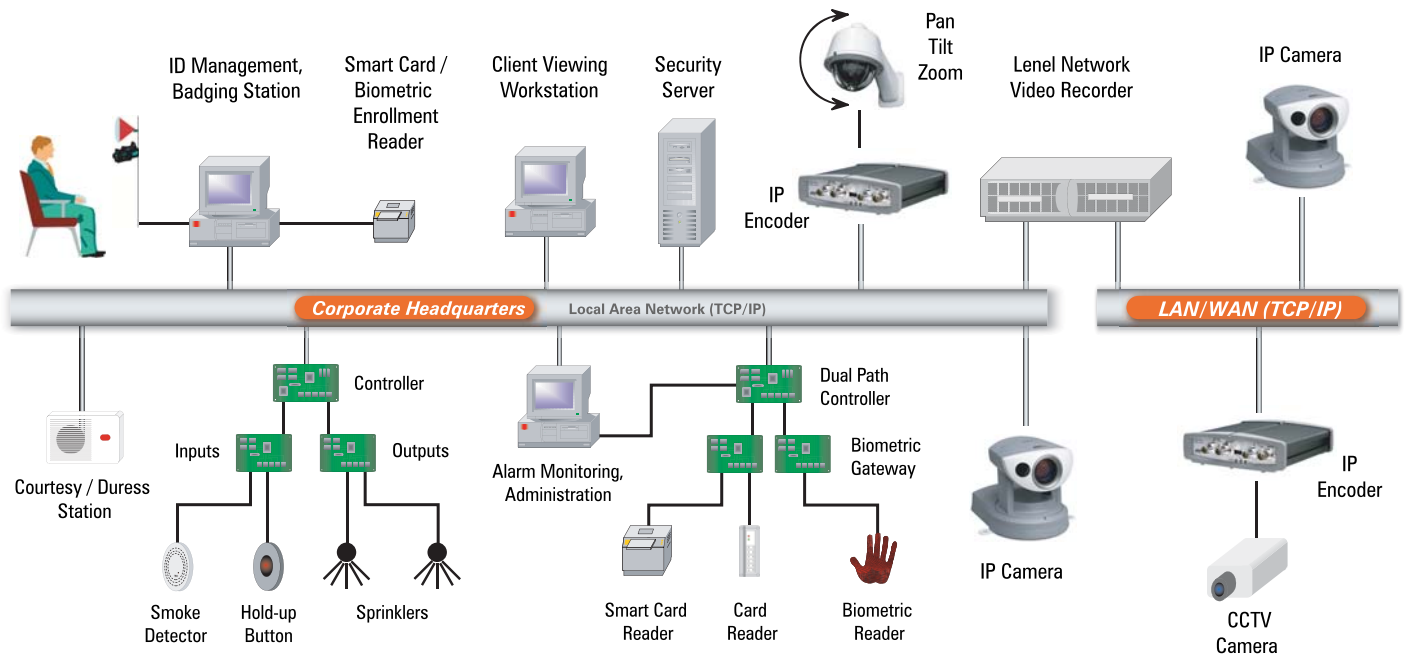
OnGuard VideoManager seamlessly integrates industry standard IP cameras with the OnGuard Total Security Knowledge Management Solution™ full suite of applications, including access control, alarm monitoring, ID credential management, visitor management, asset management, intrusion detection management and information security management.

Cameras can be linked to specific access readers to create an association in the OnGuard database. The occurrence of an alarm or event at a given reader will then trigger video recording by the camera(s) associated with that door. Comprehensive traces, queries and reports can be generated to assist in an investigation. All IP cameras and analog-to-digital translator modules are configured and viewed from the OnGuard Access and Alarm Monitoring applications.

Advantages & Benefits

- ▶ Standalone Video Management System or Seamlessly Integrated with OnGuard Total Solution
- ▶ Turnkey Solution or Software Only
- ▶ Centralized Administration
- ▶ Freedom of Choice in Cameras, Storage and Computers
- ▶ MJPEG or MPEG-4 Compression Technology
- ▶ Adjustable Recording Rates for Time-Lapse Recording Mode & Event Recording Mode
- ▶ Each Channel Records at Up to 30 fps
- ▶ Multiple Resolutions Available (based on system and camera type):
 - Up to 1280 x 1024 NTSC
 - Up to 720 x 576 PAL
- ▶ Video Clip Export to Industry Standard Format
- ▶ Auto Launch of Video on Specified Alarms/Events
- ▶ Support for IP or Standard Analog Cameras Through a Converter
- ▶ IntelligentVideo
- ▶ Continuous, Time-Lapse, & Event Recording Modes
- ▶ Standalone Client Viewing Application
- ▶ Ability to Lock/Save Critical Video Events
- ▶ Fault Tolerant Recorder Failover
- ▶ Real-time Linkage of Video to Alarms Generated by Third Party Field Devices
- ▶ Control IP PTZ Cameras Using OnGuard Alarm Monitoring Application
- ▶ Camera Groups/Video Tours
- ▶ Powerover Ethernet

Total Security Knowledge Management Solution™



Lenel Network Video Recorder Key Features

In addition to open architecture and seamless integration, OnGuard VideoManager offers other significant advantages for users. Each camera in the system has a customizable frame rate (from 1 to 30 fps). Each system has customizable resolution that depends on the camera model. OnGuard VideoManager has other innovative features such as a time-lapse recording mode, motion detection, and Single Camera View or Matrix View. One feature that streamlines the investigation process is the Lenel IntelligentVideo Search Tool. The tool enables a system operator to conduct a post-event search on motion detection alarms, and confine that search within a specified portion of the camera's field of view.

System administrators can program unique configurations that are dependent on camera status (pre-alarm, alarm, post-alarm), such that a camera's frame rate, compression and resolution change with its status. This level of control enables system administrators to, for example, obtain excellent quality video when the important event or alarm is occurring, and to save valuable disk space while in the pre- and post-alarm phases.

Lenel OnGuard Video Market Advantage

OnGuard VideoManager is the only software solution platform on the market that allows customers to choose the camera hardware, network recorder computer, and storage medium that best suit the needs of their unique environment. This enables customers to utilize their existing infrastructure if desired. OnGuard VideoManager software seamlessly integrates the sourced IP camera hardware and storage medium with Lenel's Total Security Knowledge Management Solution™, to deliver the most technologically advanced investigative security tool available.

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Centralized Administration

The entire OnGuard system, and all of the seamlessly integrated devices and application modules, can be configured, managed and monitored from a single client workstation. This powerful capability reduces total cost of ownership, and simplifies training, maintenance and administration. Authorized OnGuard system operators can add, modify and delete both software and hardware device records using a single administrative workstation. System operators can view video from every camera in the system, regardless of whether the camera is located in the same room or on a distant continent.

OnGuard offers centralized video monitoring, administration and management from the OnGuard workstation. From motion sensitivity to compression control, system operators have everything they need right at their fingertips. They can even adjust camera brightness, color and contrast, and can access the pan, tilt and zoom controls.

Lenel Network Video Recorder Configurations

Lenel's turnkey solution includes an extended storage Windows XP computer (which supports up to eight hard drives), in addition to the LNVR software. In the Software Only version of Lenel Network Video Recorder, the software is installed on a user-provided Windows PC that meets or exceeds Lenel's minimum specifications.

In either solution, customers can record video from up to 63 IP cameras per Lenel Network Video Recorder, each with a recording rate of up to 30 fps and a resolution of up to 720 x 486 NTSC.

LENEL®

Always OnGuard™

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