



# GuardNVR

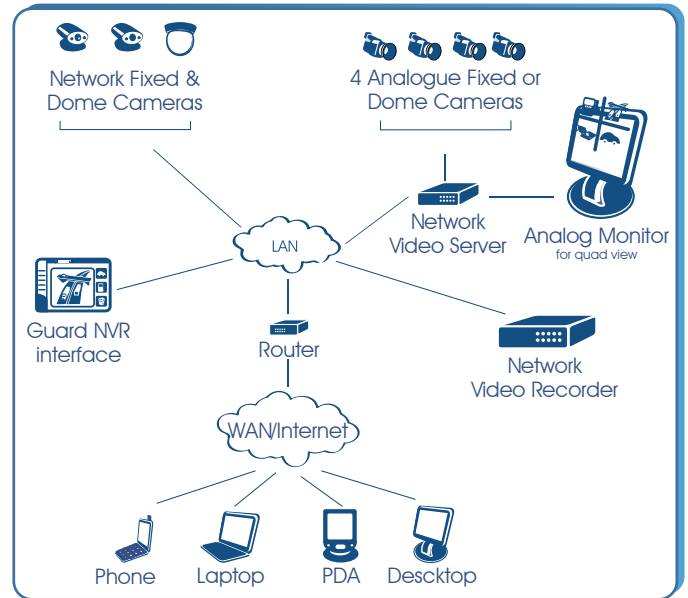
Most Standards-Based Surveillance  
Software on the Market

**GuardNVR** is high quality network video recording and managing software that is standards-based and focuses on ease of use.

**GuardNVR** supports 90% of all network cameras and 99.9% of analogue cameras sold on the market. As new cameras become available new camera drivers can be easily added on. A single GuardNVR server can support up to 20 cameras, enabling customers to purchase the required number of camera licenses without having to pay for unwanted capacity.

**GuardNVR** can be installed as a separate server or integrated with existing solutions through its free software development kit (SDK).

Multiple GuardNVR servers and GuardNVR devices can be managed through Enterprise.Service, the Quadrox unique video management solution for medium and large scale businesses.



## Replacing NTSC/PAL and VHS with 9 digital standards

- Recording in ASF
- Variety of Standard Compressions Codecs
- OPC Based Alarm Handling
- SNMP (Simple Network Management Protocol)
- CAP (Common Alerting Protocol)
- UPnP (Universal Plug and Play)
- RTP/RTSP (Realtime Transport Protocol)
- Image Authentication using standard digital signatures
- NRF-ARTS IXRetail POSlog Standard

## Freedom of Choice after Purchase

### IT Standards Guarantee Freedom of Choice and Low Total Cost of Ownership

Use of IT standards considerably reduces the total cost of ownership of various applications such as point of sale, petrol station or alarm system. GuardNVR is compatible and easily applicable solution, that allows interoperability with other systems and gives freedom to choose hardware and software suppliers for future purchases.

### Easy to Use and Install

#### Intuitive Wizards Guidance

With the intuitive wizards' guidance through the configuration processes GuardNVR is easy to use even for an inexperienced user.

#### One-click Network Camera Setup\*

Automatic network camera setup empowers one-click setup for network cameras. New network cameras are configured and added automatically.

#### Worry Free Storage Management

GuardNVR supports multiple storage volumes that allow the storage capacity to be extended and the disk load to be optimised. The relevance of the data is determined by age and metadata.



## Innovations that make you safer

#### Advanced Recording

Permanent, activity based, alarm triggered or a combination of all of the above with each setting made on a per camera basis.

#### Instant Remote Access

Remote viewing of live or prerecorded video from anywhere in the world via TCP/IP networks.

#### Advanced Playback

Synchronised playback of multiple cameras playback of video based on time or alarm events with a graphical representation of activity levels.

#### Advanced Logging

GuardNVR logbook gives a complete and clear overview of all user and system activities and interactions.

#### Megapixel Video Data Transmission over Low Bandwidth\*

This feature makes it possible to choose low or high bandwidth depending on the bandwidth availability or the necessity of detail required.

#### Single Sign On

If you are signed on as the authorised Windows user you don't need to sign on again to access GuardNVR.

\*Depending on Camera Type

#### Virtual Patrol

The GuardNVR configuration permits a time-controlled dome camera sequencer to imitate security guards rounds.

#### Instant Remote Alarm Notification

Notification of the alarm via e-mail or SMS, and instant access to the alarm video footage.

#### Health Monitoring Service

GuardNVR features a Health Monitoring Service that upon detection of system component faults immediately notifies the operator.

#### Active Directory-based user management

Users granted specific user rights such as limited access to specific cameras, limited access to certain functionalities, etc.

#### Masking and Activity Detection

Maximise storage space using sophisticated masking in combination with graphically represented activity threshold levels.

#### Multilingual Support

The user interface can be configured in English, Dutch, French, German, Italian, Spanish, Danish, Ukrainian and Russian.

**GuardNVR Add-ons** meet the particular requirements of your business and allow optimising your operations. Quadrox offers solutions specifically designed for stores and retail chains, petrol stations, banks or large scale businesses. Add-on products solve business specific problems in the best way and deliver a quick return on investment.

### Benefit from Using Add-ons:

- QPOS Link:
  - reduce shrinkage
  - improve staff productivity
  - improve customer service
- QCount:
  - optimise store management
  - monitor conversion rates
  - evaluate promotional effectiveness

### GuardNVR Add-ons:

- QPOS Link
- ATMGuard
- PUMPGuard
- QCount
- Video Analytics for:
  - Perimeter detection
  - Traffic monitoring
- Enterprise.Service

## Optimise Management – Increase Your Bottom Line



### KEY FEATURES

- Live monitoring and 24 hour recording of the activities around any business site
- Simultaneous remote viewing, recording and playback
- Synchronised playback of multiple cameras
- Natively recording in the industry standard Advanced Systems Format
- Remote monitoring and configuration of the system
- Instant remote alarm notification
- Time-controlled dome camera sequencer to imitate security guards rounds
- Video with graphical representation of activity levels
- Unlimited number of cameras can be managed through Enterprise.Service

### System Requirements

- Recommended hardware requirements
  - 1 to 4 cameras – PC with 1 Gb RAM, 160GB HDD and Intel Core2Duo 2.6GHz CPU
  - 5 to 10 cameras – PC with 1GB RAM, 320GB HDD and Intel Core2Duo 3.2GHz CPU
  - 11 to 20 cameras – PC with 2GB RAM, 500GB HDD and Intel Quad Core 2.8GHz
- MS Windows XP Professional / MS Windows Vista / MS Windows 7 (recommended) or MS Windows Server 2003
- Microsoft Internet Explorer 7, Microsoft DirectX9.0c, Windows Media Player 11, Windows Media Formats 9.0