

Mirasys NVR Pro

Mirasys NVR Pro is single-server and single-user IP video recording software that runs on a standard Windows PC. It contains all the functionalities of any professional network video recording (NVR) solution, such as continuous 24/7 recording, real-time monitoring, playback of recorded video, and intelligent motion detection. The software is suitable for demanding video surveillance in an area or a building that can be covered with 32 or less cameras. It is an ideal professional entry package for a business of any size thanks to its rich set of features, advanced functionality, compelling cost of ownership and a wide choice of hardware.



Key Features

- Recording and playback of video from 4 to 32 IP cameras
- Support for a wide range of IP, megapixel, and PTZ cameras
- Powerful search tools
- Easy export of single images and video clips
- Advanced, adaptive motion detection
- Non-fragmenting file system, which prevents hard disk failures and ensures that the system will not become slower over time
- Software watchdog
- Multi-disk recording
- Easy upgradability

Key Benefits

Ease of Use

The intuitive user interface of Mirasys NVR Pro guarantees easy and efficient operation. A real-time or playback window displaying a camera view can be opened easily by dragging the corresponding camera icon from a list of labelled cameras to the work space.

Recorded events can be explored easily and a particular incident found quickly with the help of the powerful search tools. When found, incidents can be exported from the system as single images or video clips in common file formats and saved, for example, on CDs, DVDs or USB memory sticks.

Video clips can be played with Windows Media Player on any standard PC. If there is a need to verify the authenticity of a clip, the stand-alone Mirasys Media Player can be used for proving that the clip is original.

Flexibility & Scalability

Mirasys NVR Pro is easy to upgrade. By just typing in a new license key, Mirasys NVR Pro and

all the recorded images can be converted to the Mirasys NVR Enterprise solution, which allows up to a hundred NVRs and thousands of cameras to be combined together into a larger system.

The level of flexibility and scalability that NVR Pro offers makes it the perfect solution for an organization's first IP video surveillance solution. It is not only a great solution for today, but it is also a secure solution for tomorrow, a solution that grows with your organization and that you can easily expand and accommodate to future needs.

Great value for money

Mirasys NVR Pro is an attractively priced, yet proven, reliable, and professional video surveillance solution that can beat most of its competitors with its rich functionality and its predictable cost of ownership — even if your needs suddenly change or grow. The migration product — Mirasys NVR Enterprise — is available today, and you will be refunded for Mirasys NVR Pro when upgrading. If you sign the Mirasys SMA, you will be refunded in full when upgrading.

Features

Recording

Single-server video surveillance solution: Recording of MJPEG and MPEG-4 video from 4 to 32 IP cameras. Also supports recording from IP video servers with analog cameras. Resolution independent and especially designed for high resolutions.

Supported cameras: Supports a wide range of IP cameras and IP video servers from the leading camera manufacturers. Universal support for ACTi, Arecont Vision, Axis, and IQEye IP cameras.

Recording modes: Continuous, motion-based, and event-triggered.

Advanced motion detection: Adaptive motion detection adjusts to continuous movement in the camera view, such as trees, leaves, snow, or rain and learns to ignore them. Ability to define subviews where motion detection is applied.

Recording schedules: Weekly recording schedule for each camera. Special schedules for holidays.

Storage time: Up to a year depending on hard disk capacity.

Backup

Settings: Settings backup and restoration for reinstallations.

Local & Remote Monitoring

Live view and playback: Through the Mirasys Workstation application and the browser-based Mirasys WebClient either locally or over a network.

Layouts: Displayed cameras can be freely selected and arranged into layouts that can be saved and recalled quickly from a list of layouts. The program also offers different types of ready-made layouts.

Camera tours: Display video from one camera at a time and automatically switch to the next camera.

PTZ control: Manual control, preset positions, camera tours, joystick control, turn to preset position on alarm event, turn to home position when idle.

Input/output control: Manually or triggered by an alarm event.

Search & Export

Advanced search tools: Graphical Activity Search, Motion Search, Date & Time Search, Alarm Search.

Export: Single images and video clips as JPEG, GIF, TIFF, PNG, BMP, and WMV files.

Original video clip authentication: With stand-alone Mirasys Media Player.

Alarm Events

Event triggers: No camera signal, motion in camera view, no motion in camera view, alarm input.

Actions: Video recording, alarm output, turn dome camera to preset position, start a dome camera tour, set motion detection mask, send e-mail.

Pre- and post-event recording: Adjustable from 5 seconds to 60 minutes.

Storage time: Up to a year depending on hard disk capacity.

Alarm schedules: Separate weekly schedule for each alarm. Special schedules for holidays.

System Diagnostics

Log files: System events, user actions, errors, alarms, watchdog events.

Performance scanner: CPU, memory, network, and hard disk usage.

Storage display: The amount of recordings per each camera and total hard disk usage.

Security & Authentication

User authentication: Access to the system is controlled by user names and passwords, and user rights are controlled by detailed user profiles (1 to 5 profiles per user).

Watermarking: The authenticity of recorded data is guaranteed with watermarking.

Modified RAID 0 recording: Data can be recorded on several hard disk units to eliminate loss of data in case of a disk failure.

Software watchdog: User notification by e-mail or digital output about system events, e.g. hard disk failure.