

Mirasys NVR Enterprise

Mirasys NVR Enterprise is a feature rich video surveillance solution that scales easily to suit the needs of businesses of all sizes. The system supports up to 5.000 cameras, which can be analog and/or IP cameras. All cameras can be managed as a single system independent of location. Thanks to its openness, Mirasys NVR Enterprise is easy to integrate with other systems. The user interface is available in 15 languages.

Key features

- Recording and playback of video from up to 50 cameras per server, and up to 100 servers can be connected together
- Recording of audio from up to 16 channels and text data from up to 32 channels
- Support for a wide range of IP, megapixel, and PTZ cameras
- Supports all camera resolutions
- Supports effective H.264 compression
- Seamless integration with other systems.
- Map navigation
- Non-fragmenting file system prevents hard disk failures
- Secure multi-disk recording
- Supports video intelligence solutions from the leading providers

Ease of use

The intuitive user interface of Mirasys NVR Enterprise guarantees efficient operation. A real-time or playback window displaying a camera view is easy to open by dragging the corresponding camera icon from a list of labelled cameras to the work space.

Recorded events can be explored and a particular incident found quickly with the help of the powerful search tools. When found, incidents can be exported 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.



Proven reliability

Mirasys NVR Enterprise can be set to automatically write back-up copies of recorded data, for instance, on a network drive, which ensures that data is always secure and accessible when you need it.

Data can be recorded on multiple hard disks. Should a hard disk fail, a minimal amount of data is lost. In addition, the system will continue recording even if one hard disk fails.

Users of NVR Enterprise do not need to worry about system malfunctions. Mirasys System Monitor immediately informs them of any critical situations.

Effective cost control

Mirasys offers upgrade and maintenance services that help control the costs of the system during its life span and make sure the system adapts to changing needs and new technologies. Mirasys supports a wide range of leading camera manufactures, which gives the users the freedom to choose the most suitable cameras for their purposes. The range of supported cameras is constantly expanded.

Thanks to the Mirasys SDK package, the system is also easy to integrate with other systems.

Features

Recording

Multiple-server video surveillance solution: Recording of analog and IP video from 4 to 50 cameras, recording of audio from up to 16 channels, and text data from up to 32 channels. Also supports recording from IP video servers with analog cameras. Resolution independent and especially designed for high resolutions. Supports MJPEG, MPEG-4, and H.264 video compressions.

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

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

Advanced motion detection: Adaptive motion detection adjusts to continuous movement. 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

Recordings: Scheduled backup copies of recorded video data once a day or once a week saved to a local or a network drive.

Settings: Settings backup and restoration for reinstallations.

Local & Remote Monitoring

Live view and playback: Through the Mirasys Workstation application locally and over a network or through a web browser using Mirasys WebClient

Layouts: Different types of ready-made layouts and the option to save your own layouts.

Maps: Navigate target sites and access the cameras and other devices on the sites through multi-layered maps.

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, privacy zones.

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

Joystick control: Axis 295, DirectX compatible USB joysticks, and Pelco KBD300.

Search & Export

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

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.

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

System Monitor: Monitor the status of the system without opening any applications.

Alarm Events

Event triggers: No camera signal, motion/no motion in camera view, alarm input, audio high/low, text data.

Actions: Recording of video and audio, alarm output, show video on analog monitor, 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.

Security & Authentication

User authentication: User names, passwords, user profiles (1 to 5 profiles per user).

Three user levels: Users, users with monitoring rights, and administrators.

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.

Supported Languages

User interface: Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Icelandic, Italian, Norwegian, Polish, Portuguese, Spanish, Swedish.



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