MIRASYS

Mirasys VMS

Datasheet, June 2017

V8 — No Limits!

New Generation Video Managment System

Mirasys VMS is a feature-rich video surveillance solution that scales easily to suit the needs of businesses of all sizes. The system supports thousands of analog and/or IP cameras in one centrally managed environment. All cameras can be managed as a single system independent of location. Mirasys VMS can be extended with intelligent Video Content Analytics (VCA), Automatic Number Plate Recognition (ANPR+), Reporting+ and Smart Event Management solutions. Due to its openness, it is easy to integrate with other systems. The user interface is available in 17 languages.

Benefits

- **Powerful VMS** – An unlimited amount of VMS servers and an unlimited amount of cameras per VMS server (no software limitations) in one centrally managed network domain (possible to configure an unlimited number of network domains)

- **Wide camera support** – Supports thousands of IP camera models from all major camera manufacturers with multistreaming, multicasting and audio; also support for analog cameras

- **Customizable** – User Interface to enable visual video searching, 360-camera de-warping, VCA, ANPR, centralized management reporting, Agile Video Matrix (AVM) digital video matrix, geospatial mapping, facial recognition, and other functions

- **Flexible** – Open platform architecture supports Access Control, Intruder Alarm and other integrations from Mirasys and a wide variety of 3rd party partners

Recording Capability

- Recording of MJPEG, MPEG-4, H.264, H.265 and Mobotix MxPEG from an unlimited amount of analog and IP cameras (limited by hardware performance, total camera bandwidth required, available storage solution, driver support etc.)

- Resolution independent and designed for high resolutions

- Continuous, motion-based, and event-triggered recording modes

- Adaptive motion detection adjusts to continuous movement

- Weekly and holidays recording schedule for each camera

- Up to a year of storage depending on storage capacity

- Scheduled backup copies of recorded video data to local or network drive

- Multi-server recording and server failover

- TruStore dynamic and unlimited size storage architecture

User Interface Highlights

- Features like Storyboard, Thumbnail Search and Virtual cameras saves money and time

- Easy and intuitive UI has direct impact on training costs - Built-in Help Tool lowers training needs even more

- Versatile PTZ-features like automatic object detection and tracking with digital zoom

- Fully customizable: User Interface can be simplified to bare minimum while users create their own layouts

- All plugins and additional Mirasys-applications are operated in same User Interface

Local & Remote Monitoring

- Monitoring: Simultaneous recording, live view and playback

- Layouts: Ready-made layouts and the option to save your own custom multi-screen layouts

- Maps: Multi-layered maps to access devices and show alarms

- TruCast for uninterrupted local live view

- TruStream for dynamic, optimal stream selection

Alarm Event

- Event triggers: motion/no motion in camera view (i.e., video analytics, access control, etc.), digital input

- Actions: email, text message, camera/audio recording, increase fps/resolution, digital output, dome pre-set/tour

- Alarm schedules: separate weekly schedule for each alarm; special schedules for holidays

Search & Export

- Advanced search tools: Graphical Activity Search, Motion Search, Date & Time Search, Text Search, Alarm Search, Thumbnail Search

- Image export: Single images as JPEG, GIF, TIFF, PNG, and BMP files

- Video export: Video image as AVI, Matroska (MKV), ASF (WMV) files and Mirasys Secure Export Format (SEF)

- Original video clip authentication: With Spotter and the SpotterPlayer media player applications

Management

- User authentication: User names, passwords, user profiles (1 to 5 profiles per user, extendable via licensing)

- Multiple user levels: Users, users with monitoring rights, users with archive viewing rights, users with custom rights, and administrators

- Watermarking to guarantee the authenticity of recorded data

- Built-in software-based modified RAID 0 -type recording: Data can be recorded on several hard disk units to eliminate loss of data in case of a disk failure

Additionally in Version 8, starting from 2H/2017

- New HTML5 web browser client for mobile, tablets & PCs

- New HTML5 system administration client

- New RESTful HTTP web APIs

- New system-wide software license for all servers (no longer separate licenses for each server)

- Installation, deployment and management improvements

System Requirements

- Supports Windows 7, 8, 10 and Windows Server 2012, 2012 R2 and 2016

- Supported languages: Arabic, Danish, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, and Thai