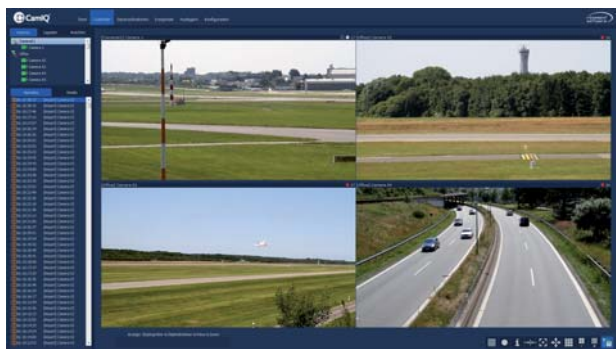


# CamIQ® 5.1 Satellite

## Intelligent image recording and analysis with system



Live picture with 4 views

**CamIQ 5 Satellite is a modern, reliable and convenient video surveillance solution for small to medium-sized video surveillance systems that are supposed to remain scalable.**

**CamIQ 5 Satellite can simultaneously analyze and record up to 64 cameras per server, make all the images in the network available to authorized users, and thus cover a wide variety of application scenarios.**

### Product description

CamIQ 5 Satellite lets you integrate network-based image sources (cameras, videosevers, megapixel cameras) and classic CCTV cameras in one solution.

The ergonomically designed user interface of this product allows the user to operate the system easily and intuitively. The configuration of the system has a logical architecture in all aspects and lets you quickly and easily create its basic configuration and coordinate the fine gradations of the numerous system functions. The prevalent standard functions for event-triggered or continuous video recordings are complemented by additional options, such as the subsequent analysis of recorded images and practical responses (e.g., switching relays, sending email, etc.).

By coupling the CamIQ 5 installation with independent alarm systems (with an intrusion detection system, for example), a fast visual transmission can be established when the event notifications occur.

In addition, a CamIQ Connect compatible surveillance center can provide a video image connection to external service providers.

For connections with low bandwidth (e.g., VPN), you can quickly run the evaluation software by using the integrated dynamic recompression of all image data. In case of low bandwidth connections between CamIQ

Client and CamIQ Servers, this allows you to transmit live images continuously with fast image updates and simultaneous high-quality recording of the image sources on your CamIQ Server.

For larger or distributed installations (e.g., for several branch offices or production sites) CamIQ 5 Satellite is used as a centrally controlled server in the CamIQ net concept and increases operational security by assuming the role of an independently functioning local unit.

Practically any number of CamIQ Servers can be connected to a CamIQ 5 Enterprise System in the CamIQ net concept.

In addition to the benefits of using low bandwidth capacity and better data privacy protection, the distributed design also eliminates the risk associated with single points of failure. The structure of the CamIQ net ensures that the system can be managed centrally.

The integrated failover-concept (option) can meet increased security demands for complete monitoring and recording capability (e.g., in the area of money counting or production monitoring). It can operate in computer centers with the appropriate supporting tools.

Numerous expansion modules for external detection, people counting or direction detection, for example, allow CamIQ Servers to be specifically adaptable to customer needs or industry demands.

### Highlights

*Advanced H.264 Multi-Streaming-Support*

*Central Configuration-Backups (automatic and manual)*

*Comprehensive user management and data privacy protection functions*

*High performance, developed and optimized for multicore processors*

*Ideal platform for distributed installations and branch operations*

*Flexible extension options with add-on modules and open programming interface (CamIQ API/SDK)*

*Failover-Concept (option)*

*Reliable sensory system and precise detection with optional object size detection, person counting and direction detection etc.*

### General functions

- Support of network-based and analog image sources (megapixel cameras, network cameras, encoders) across various manufacturers according to current driver list ([www.camiq.net](http://www.camiq.net))
- Basic version with 5 cameras, expandable through additional licenses to a total of 64 cameras/ tracks per server
- Extensive data security functions for live images and recordings
- Advanced H.264 Multi-Streaming and dynamic recompression for access via narrow bandwidth connections (e.g., corporate networks with distributed locations)
- Intuitive user interface for simple applications and problem-free startup operations
- Robust client/server architecture, diverse possible applications and combination of the advantages of modular construction and central administration
- Simultaneous access by five client evaluation stations (expandable up to 64), software is included
- Software is developed and optimized for multiprocessor systems/ multicore processors
- Sabotage detection of image sources (connection interruptions)
- Free allocation of alarm contact and relay to a camera
- Videocodec: MPEG4, M-JPEG, HLS, H.264, HTTP Live Streaming
- CamIQ Web Client (via HTTPS; no Plugins necessary)
- Failover-Concept (option)
- Long-term-recording (e.g., construction progress documentation)
- Mini site plan (not for CamIQ 5.x Basic)
- Central Configuration-Backups (automatic and manual)
- Language support in German, English, Dutch and French (more languages upon request)
- SNMP Messages (Simple Network Management Protocol)

### Sensor function

- 4,800 sensors per camera (80 x 60 grid)
- Simple configuration of alarm zones (up to 16 zones per camera)
- Interactive configuration with live image and convenient drawing functions
- Complex alarm scenarios: Alarm zone link is possible with pre-alarm zones and alarm contacts (also across multiple cameras)
- Convenient live display of trigger threshold values per sensor field while programming and live image display
- Calendar-based activation of configuration for alarm processing
- External arming via contacts or CamIQ API/SDK

### Live image display

- Live image views: 1, 4, 9, 13, 16, 25, 33, 36, 49, 64-fold
- Fluid frame rates (up to 100 fps); independent of the hardware, image sources and number of cameras used
- Relay switching
- Control of S/N cameras and domes via patented control field and/ or joystick
- CamIQ Audio Module for compatible Axis devices
- Playback of audio files (wave files) in alarm event
- Manual recordings from the live image view
- Automatic assignment of cameras in alarm event
- Operation in background until alarm event occurs, e.g., doorbell
- Display of images with 4:3 / 16:9 / 16:10 and other common resolutions as well as special formats
- 9-fold view with automatic display of connected neighboring cameras configurable
- Assignment of pre-defined views
- Alarm preview list in live image
- Adjustable filter for the alarm list (e.g., special events or cameras)

### Event processing (alarm actions)

- Recording of alarm sequences incl. pre-alarm images
- Switching to higher recording speed
- Switching of relays
- Blocking recorded alarm sequences in the ring memory
- Audio playback in alarm event
- Email message with attached image
- Forwarding to primary management software e.g. CamIQ 5 Enterprise or facility management software via CamIQ SDK/API
- Notification of central monitoring stations via CamIQ Connect
- Convenient calendar function for recording and handling events, management of holidays and open-for-business Sundays, for instance
- Execution of an integrated script/macro

### Search functions (evaluation functions)

- Clear lists of events
- Searches for camera, time, event, action
- Subsequent searches via freely defined search fields in permanent recordings (via CamIQ API/SDK, RS-232, Interface modules)
- Selectable playback and reverse playback speeds
- Zoom function (zoom on image detail) also during playback
- Export assistant for transferring individual images and sequences including viewer
- Printing of alarm images
- Dynamic image scaling of high resolution recordings for evaluation over small bandwidths, for instance UMTS/VPN (other than H.264/MPEG4)
- Synchronized playback of multiple recordings
- Assignment of adjacent cameras from camera list or site plan
- Event-controlled access right for users

### User management / Administration

- Role-based permissions assignment for users (unlimited amount of users for up to 32 roles)
- Detailed assignment of user rights for functions and access to cameras
- Adaptation of the interface: based on password, only authorized functions visible
- Access to system functions and task bar can be restricted
- Comprehensive protocols for system status incl. export function
- Configuration/ calendar-based access to live image & evaluation
- Event-controlled access right for specific period access before and after an event

### License model / Extensions

- Art.No. 51001: CamIQ 5.x (incl. 5 cameras/tracks and 5 client connectios)
- Art.No. 520xx: CamIQ Cameras+1/+5/+10/+50 (Extensions of cameras/tracks up to 64 cameras/tracks per server)
- Art.No. 55001: CamIQ PTZ Tracking+1 over supported dome and PTZ cameras (serial only via the PelcoD protocol)
- Art.No. 530xx: CamIQ Detection+1/+5/+10/+50
- Art.No. 55101: CamIQ Direction Detection/People Counting+1
- Art.No. 540xx: CamIQ Connections+5/+
- Art.No. 560xx: CamIQ Enterprise Camera Add-on+1/+5/+10/+50
- Language support in DE, UK, NL, FR (more languages upon request)

For system requirements, go to the website at [www.camiq.net](http://www.camiq.net)

Sales by: