SIEMENS

Software for network-based video recording system

SISTORE MX 4 NVR
SISTORE MX 9 NVR
SISTORE MX 16 NVR

SISTORE MX NVR (Ver. 2.57)

- **Software package for network-based video monitoring and recording of up to 16 IP cameras**
- **Support of IP cameras with mega-pixel resolution**
- **Recording speed up to 96 images per second**
- **Integrated motion detection**
- **Integrated tamper detection**
- **Further important performance characteristics**
- **Long-time/event-triggered recording with integrated motion detection**
- **Full triplex functionality**
- **Multi-channel playback**
- **Audio recording**
- **PTZ control**
- **Subsequent search within the recorded video sequences**
- **Recorded frame rate dependent on the IP cameras used and the LAN bandwidth**
- **Including RemoteView software for remote access via LAN or ISDN and Player software**
- **Operation identical with that of SISTORE MX**
- **Connection of a CKA48xx control unit to the RemoteView station possible**
- **Multi-client function for access of up to 16 clients to one SISTORE MX NVR**
- **USB input/output module available as an option**
- **Control via IVM video software (IVM version 3.0 or later)**

Fire Safety & Security Products

The SISTORE MX NVR software provides a highly professional PC-based Network Video Recorder solution (NVR) for 4 to 16 IP cameras. You do not need a SISTORE device for this.

Multiple functions

SISTORE MX NVR offers a wide range of functions, including live image display, recording, playback and remote enquiry.

After SISTORE MX NVR has been installed, you can connect network cameras (IP cameras) and video servers from different manufacturers to monitor rooms, buildings, production facilities, sensitive public places and security-relevant outdoor areas of any kind and simultaneously record the camera signals.

Mega-pixel recording: SISTORE MX NVR supports mega-pixel cameras. The image quality achieved with these cameras is much higher than that of analogue cameras.

Plug & play technology for easy installation

The system is ready for operation after installation of the software and configuration of the IP cameras. During the development of SISTORE MX NVR, great importance was attached to high operator convenience and operational reliability.

SISTORE MX NVR is an innovative, multi-functional software. Owing to its modular design it can updated and tailored to specific requirements at any time.

Recording is possible with up to 16 network cameras at the same time. It is **not** possible to record the video signals supplied by analogue cameras.

Recording

Basically the system allows two different operational recording modes which may also be combined with each other:

– Long-time recording analogous to the operation of a standard video recorder, which however has an option for recording of only motion pictures
– Event-triggered recording, that is the recording of alarms with their pre-history via a ring buffer

Motion detection

Motion detection with the connected cameras which then operate as video sensors is already integrated into the software.

Live monitoring

A simultaneous display of all cameras for live surveillance is possible at the same time as recording.

This means that the system is fully customisable and allows a definition of all forms of alarm scenarios according to date, time, connected periphery, ambient conditions and plausibility routines.

SISTORE MX NVR therefore offers the best possible customisation to your application, both with regard to your various different alarm triggers such as for instance cameras, light barriers etc., and also in case of alarms to control your various external devices such as for instance sirens, alarm systems, lighting etc. By defining different alarm scenarios, you also have the opportunity to adjust the video recording to the actual surveillance task in question and thereby maximise the performance of your system.

User management

In addition, SISTORE MX NVR possesses a well-planned user administration. By issuing a total of 10 user rights, it allows for each user to have access to certain functions on an individual basis according to his/her range of tasks; such access may also be denied to others. This enables you to make the best possible adjustment to your particular requirements.

Most buttons are provided with easy to understand symbols that are placed at suitable points within the window. This allows for intuitive operation of the program.

The delivery includes, free of charge, the SISTORE Player program in addition to the SISTORE MX program itself. SISTORE Player gives you the capability to replay video recordings or exported AVI sequences.

The delivery also includes SISTORE MX NVR RemoteView. Using SISTORE MX NVR RemoteView, you have the opportunity to remote access (via LAN or ISDN) the system in order to revise the recorded videos and to watch camera pictures live. Here SISTORE MX NVR RemoteView functions as a client accessing SISTORE MX NVR as a server.

The scope of delivery includes a CD-ROM with the SISTORE MX NVR software, the instructions for "Getting Started", and a USB dongle for the software licence with 4, 9 or 16 IP cameras. It is not possible to enable any further IP camera inputs.

Options

In case of event-triggered recording the system can be controlled through optional digital inputs which can be connected with any form of event triggering sensors. In addition, the system allows a logical operation of external sensors with an internal digital input.

External reactions to occurring alarms are controlled through optional digital outputs.

Scope of supply

- USB dongle for software licence with 4, 9 or 16 network cameras
    - Dongle 4 - operation of 4 network cameras
    - Dongle 9 - operation of 9 network cameras
    - Dongle 16 - operation of 16 network cameras

NOTE

If no USB dongle is installed, the software only runs in demo mode.

In demo mode you can configure and evaluate only one network camera.

- CD
    - SISTORE MX NVR software
    - SISTORE MX user manual
    - SISTORE MX NVR installation manual

- SISTORE MX NVR Server

- Operating system: Windows XP SP2
- Operating system language:
  English and German (other languages have not been tested and are not supported!)
- Screen resolution: 1024x768 or 1280x1024 pixels
- Colour depth: 16 Bit high colour

Hardware
- Processor: Pentium 4
- Speed: 2,4 GHz or higher;
- Main memory: 1024 MB RAM or higher;
- File system: NTFS
- Free hard drive capacitiy: 120 GB or more
- System partition C: at least 10 GB
- Archive drive: at least one archive drive

- RemoteView or WebView or Demo
- Operating system: Windows XP SP2
- Operating system language:
  English and German (other languages have not been tested and are not supported!)
- Screen resolution: 1024x768 or 1280x1024 pixels
- Colour depth: 16 Bit high colour

Hardware
- Processor: Pentium 4
- Speed: 2,4 GHz or higher;
- Main memory: 512 MB RAM or higher;
- File system: NTFS
- Free hard drive capacitiy: 60 GB or more
- System partition C: at least 10 GB

Compatibility
we recommend Fuijtsu Siemens Computers,
model ESPRIMO P5xxx / CELSIUS Mxxx (with Intel Pentium 4)

The software has been tested successfully using the following external CD burners
(combined CD/DVD burners):
– Plextor PX-740UF
– LiteOn SOHW-1673 SX-02
– LG GSA-2164D-R

Details for ordering

Type	Order No.	Designation
SISTORE MX NVR 4	S24245-P5099-A1	Software licence 4 - recording of up to 4 network cameras
SISTORE MX NVR 9	S24245-P5099-A2	Software licence 9 - recording of up to 9 network cameras
SISTORE MX NVR 16	S24245-P5099-A3	Software licence 16 - recording of up to 16 network cameras

Accessories, not included in the delivery!

Type	Order No.	Designation
USBOPTO8	2GF4811-8CH	USB input module - 8 channels with optocoupler function
USBREL8	2GF4811-8CG	USB output module - 8 channels with relay function
USBOPTOREL16	2GF4811-8CJ	USB input and output modules with 16 optocoupler inputs and 16 relay outputs