



Network Video Recorder SISTORE MX NVR16

MX NVR16 80/100

V. 2.60 SP1

- Network video recorder for up to 16 IP cameras
- Streaming and recording with Siemens IP cameras CCix1345
- Operating system Windows XP Embedded on CompactFlash
- 2 x 1 Gigabit Ethernet communication ports
- Recording speed up to 100 images per second
- Camera tamper detection (camera moved / spraying)
- SmartSearch - SearchMask for subsequent search within the recorded video sequences, also from the RemoteView client
- Temperature monitoring and Watchdog

Further features:

- Graphical user interface for intuitive operation (identical with that of the SISTORE MX product range)
- Direct connection to the RemoteView client in the event of an alarm, including alarm processing
- Intelligent motion detection can be configured for each individual camera
- Virtual guard in the RemoteView for automatic connection of branch offices
- Support of megapixel IP cameras
- Support of third-party IP cameras (Panasonic, Axis, Mobotix, Sony)
- Virtual alarm contacts via Siemens IP camera range CC1x1345
- Storage media: Compact Flash card, hard drive
- Control of monitors and LC displays via DVI interface
- Device suitable for top-hat rail and wall mounting
- Power supply unit integrated within the housing
- Compact Flash card and hard drive
- All-metal housing ensures high electromagnetic compatibility
- High resistance to shock and vibration (15g/1g)
- Ambient temperature range up to 40 °C
- Recommended external power supply: SITOPsmart 24 V DC / 5 A

SISTORE MX NVR16 is a flexible digital surveillance and video recording system that allows the live images supplied by IP cameras to be recorded. It permits remote surveillance via LAN or ISDN.

Display mode

In display mode, the live videos of the connected cameras are displayed and all events that occur, such as camera failure, alarm inputs and malfunctions, are logged.

Search mode

The recordings can be evaluated in search mode. The database enables a flexible, precise search for particular events and the related camera images. Access to this mode is controlled by authorization level. Camera recording and live video display continue to run in search mode.

Configuration mode

Configuration mode offers the following functions:

- Recording configuration
- Assignment of user rights
- Configuration of the IP cameras
- Camera configuration for motion and tamper detection
- Network parameters with bandwidth limitation

Connecting external devices to SISTORE MX NVR

- A USB mouse and a monitor with DVI port must be provided on the site.
- A keyboard is not required as a virtual keyboard will be displayed on the screen which can be operated with the mouse.

Technical data

General technical data

Supply voltage	24 V DC (20.4 to 28.8 V)
Temporary loss of voltage as per NAMUR	min. 15 ms (at 20.4 V) max. 10 events per hour; recovery time min. 1 s
Max. current consumption	4 A (at 24 V)
Noise emission	< 40 dB (A) to DIN 45635-1
IP class	IP 20 to IEC 60529
Dimensions	262 x 133 x 47 mm
Weight	approx. 2 kg

Guidelines and standards

Protection class	protection class I to IEC 61140
Safety regulations	EN 60950-1; EN 61000-4-3, EN 61000-4-6

Environmental conditions

Operating temperature	+5 to +40 °C
Ambient temperature	-20 to +60 °C

Interfaces

COM1	RS232, 115 Kbit/s max., 9-pin SUB-D, male
DVI	VGA integrated within DVI-I
Keyboard	USB support
Mouse	USB support
USB	4 x USB 2.0 high speed/high current
Ethernet	2 x Ethernet port (RJ45) Intel Tekoa 82573L 10/100/1000 Mbit/s, electrically insulated, teaming capable

Operational status indicators

PWR	Green indicates that the device is supplied with the requisite voltages
WD	OFF Watchdog disabled Green Watchdog enabled, the monitoring time has not expired Red Watchdog enabled, the monitoring time has expired

Details for ordering

Type	Order No.	Designation	Weight
SISTORE MX NVR16	S24245-F5086-A3	Network video recorder, 16 IP cameras, 80 GB, LAN	approx. 2 kg

Accessories

RCI0601 MX Multi-Channel Box	S24245-F5092-A1	For connection of cash dispensers and access control systems	1.2 kg
15-inch TFT monitor	2GF3124-8AA	15-inch TFT CCTV colour monitor	6.0 kg
17-inch TFT monitor	2GF3125-8AA	17-inch TFT CCTV colour monitor	8.5 kg
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	–

