



SISTORE AX8 / AX16 Digital Video Recorder

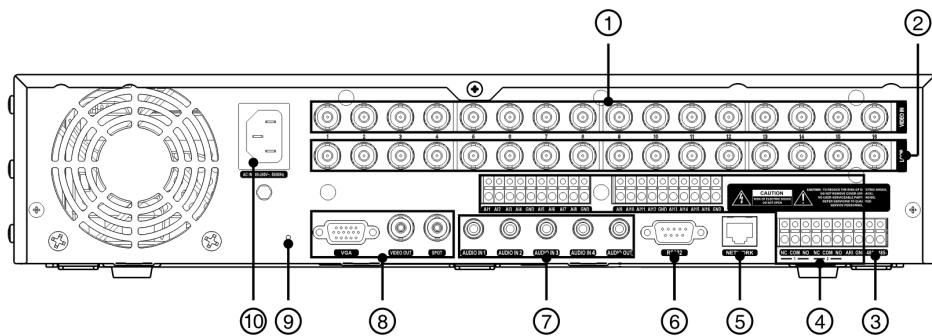
V4.0



AX8 1000/200
AX16 1000/400

SISTORE AX is a stand-alone Digital Video Recorder (DVR), suitable for a wide range of applications, e.g. for petrol stations, retail outlets or public buildings. It offers installers and end-users a flexible, low-maintenance video recording system, combining fast recording and high image quality with a great deal of functionality.

- Efficient video compression through H.264 technology
- Easy-to-use graphical user interface including Remote Access Software (RAS) and web browser access
- Real time recording speed up to 400 images per second (480 for NTSC)
- Real time live video
- 4-channel audio recording, audio playback, and 2-way audio via RAS
- Operation and configuration locally via front buttons and mouse, IR remote controller, or remotely via RAS software
- 1 spot monitor output
- Individual authorization for groups and users
- Text input interface, e.g. to connect ATM (Automatic Teller Machine) or POS (Point of Sales) devices
- Dual encoding: Flexible transfer speed when transmitting over the network
- Time synchronization using industry standard protocol
- Support of VSS-SDK interface for the integration into a higher-level system (e.g. Video Software IVM or Access Control System SiPass)
- Support of 14 languages: EN, DE, FR, IT, ES, PT, NL, DA, SV, PL, CZ, TR, FI, RU
- Lower energy consumption than previous models for a reduced energy footprint, lower greenhouse gas emissions and cheaper running costs



Legend

- 1 Video Input
- 2 Video Loop Through
- 3 RS485 Port
- 4 Alarm Input/Output
- 5 Network Port
- 6 RS232C Port
- 7 Audio In/Out
- 8 Video Out
- 9 Factory Reset Switch
- 10 Power Cord Connector

(picture shows: SISTORE AX16; SISTORE AX8 similar)

Functionalities

Remote access

Various network interfaces, e.g. Ethernet or DSL, allow remote access to the system. Monitoring of live images, playback of recorded video sequences, remote configuration and upgrade, system check, and PTZ control are possible via RAS software. Remote monitoring and playback are possible via a standard Web browser. New

RAS Mobile allows remote access for live viewing from Windows™-based Smartphones/PDAs.

Storing and playback of video sequences

Video sequences can be copied to an internal DVD burner or an external USB device. For the playback of the video sequences on a PC no additional software is required.

Secure images

Chained Fingerprint enabling a solid chain of evidence prevents the images from being altered or modified.

Technical data

Monitoring

| | |
|---------------|---|
| Video inputs | Composite: 8/16 looped through, BNC, PAL/NTSC (auto detection) |
| Video outputs | 1 Composite: 1 Video, 1 SPOT 1 VGA: 800 x 600, 1024 x 768, 1280 x 1024 (60 Hz) |

Inputs/Outputs

| | |
|--------------------------|---|
| Audio inputs | 4 line level RCA |
| Audio output | 1 line level RCA |
| Alarm inputs | 8/16 TTL (NC or NO), 2.4 V (NC) or 0.3 V (NO) threshold, 5 V DC |
| Alarm outputs | 2 relay outputs, terminal blocks, programmable as NC or NO, 2 A (125 V AC), 1 A (30 V DC) |
| Alarm reset input | 1 TTL, terminal block |
| Network | Ethernet (10/100 BaseT) |
| Auxiliary inputs/outputs | RS232C, RS485, 2 x USB 2.0 |
| Interfaces | Front buttons, mouse, IR remote controller, remote keyboard |
| User administration | 64 groups, 256 users/groups (access right programmable per group) |

Recording/Playback

| | |
|----------------------|---|
| Compression | H.264 technology (video), ADPCM (audio) |
| Recording speed | SISTORE AX8: up to 200 ips (PAL), up to 240 ips (NTSC) SISTORE AX16: up to 400 ips (PAL), up to 480 ips (NTSC) |
| Recording resolution | CIF, 2CIF, 4CIF |
| Recording mode | Time-Lapse, Event, Pre-Event (up to 30 min), Text-In, Panic |
| Search mode | Date/Time, Calendar, Event, Motion, Museum, Text-In, Record Table |

System

| | |
|------------------------|--|
| Operating system | Embedded Linux (built-in flash memory) |
| Hard disk capacity | 1000 GB SATA, extensible with two 250 GB, 500 GB, or 1000 GB SATA extension kits |
| Backup recording media | Built-in DVD burner, USB (hard disk drive, flash memory) |
| Disk management | Temperature check, SMART diagnosis, auto database recovery, operation without hard disk drive, auto deletion |

Specifications

| | |
|--------------------------------|---|
| Power requirements | 100 – 240 V AC, 1.2 – 0.6 A, 50/60 Hz ± 10 % |
| Power consumption | 45 W (60 W when 3 hard disk drives are installed) |
| Ambient temperature, operating | 5 – 40 °C |
| Relative humidity | 0 – 90 %, no condensation |
| Version | 19-inch rack, 2 rack units |
| Dimensions (W x H x D) | 430 x 88 x 405 mm |
| Approvals | CE, FCC, C-Tick, RoHS |

■ Details for ordering

| Type | Part no | Designation | Weight* |
|-----------------------|---------------|-------------------------------------|---------|
| SISTORE AX8 1000/200 | S54569-C72-B3 | SISTORE AX8, 1000 GB, 200 ips | 10.2 kg |
| SISTORE AX16 1000/400 | S54569-C92-B3 | SISTORE AX16, 1000 GB, 400 ips | 10.2 kg |
| SISTORE AX | S54569-B6-A13 | SISTORE AX ACC, HDD kit 250 GB SATA | 1.5 kg |
| SISTORE | S54569-B6-A2 | SISTORE ACC, HDD kit 500 GB SATA | 1.5 kg |
| SISTORE | S54569-B6-A3 | SISTORE ACC, HDD kit 1000 GB SATA | 1.5 kg |

* Device incl. packing material, accessories that are included in the delivery, and documentation

Further products and accessories can be found in the Internet: [siemens.com/cctv](https://www.siemens.com/cctv) > **Catalogue Downloads.**

The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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