



SISTORE CX EDS **(Enhanced Detection Solution)**

CX1 EDS
CX4 EDS
CX8 EDS

Enhanced motion detection incl. object tracking

- **Video motion detection system for monitoring critical outdoor areas**
- **Highest detection rate at low false alarm rate**
- **Motion detection and object tracking**
- **Tamper detection can be activated for each video input**
- **Software option for SISTORE CX1, SISTORE CX4 and SISTORE CX8**
- **Easy setup using the configuration software**
- **Display of courses of motion and object frames**
- **Simultaneous MPEG4 video recording and transmission**
- **High scalability over LAN**
- **Time-controlled switching between alarm programs via the IVM software**
- **Suitable for upgrading existing systems**

SISTORE CX EDS is a video motion detection system featuring the latest Siemens technology for perimeter protection. Motion detection and object tracking are based on the latest statistical image analysis methods, optimized for use in critical outdoor areas. Using the SISTORE CX devices it is further possible to record and transmit video in MPEG4 format and to detect tampering. All functionalities can be matched optimally to the conditions at the site using the configuration software.

EDS (Enhanced Detection Solution) is a software option that is available for all devices of the SISTORE CX platform. After activation of this function, the standard motion detection functionality is extended. It can be activated easily by entering the required licence key in the configuration software.

Technical data

Operating modes

Standard tracking mode Encoding 4CIF/2CIF/CIF	SISTORE CX1 – 1 video input – 6.25 / 12.5 / 25 ips SISTORE CX4 – 2 video inputs – 6.25 / 12.5 / 25 ips SISTORE CX4 – 4 video inputs – 1 / 3.12 / 6.25 ips SISTORE CX8 – 4 video inputs – 6.25 / 12.5 / 25 ips SISTORE CX8 – 8 video inputs – 1 / 3.12 / 6.25 ips
Enhanced tracking mode Encoding 4CIF/2CIF/CIF	SISTORE CX1 – 1 video input – 3,12 / 6,25 / 12,5 ips SISTORE CX4 – 2 video inputs – 3.12 / 6.25 / 12.5 ips SISTORE CX8 – 4 video inputs – 3.12 / 6.25 / 12.5 ips
Sensor resolution	pixel-accurate, approx. 100,000 zones
Detection modes	motion detection, enhanced motion detection and tamper detection

Sensor elements

Static trip wire	up to 8 per video input
Dynamic direction field	1 per video input
Tamper detection	detection of video signal loss, camera tamper detection (camera moved, covered, defocused, sprayed) can be activated for each channel
Changes in illumination	automatic compensation of slow and fast changes in illumination through continuous adaptation

Configuration

Software activation	entry of licence key in SISTORE SX/CX Config configuration software
Scene modelling	3D modelling using landscape and facade perspectives
Parameter sets	4 selectable alarm programs configurable for each video input
Detection point	object bottom or object centre configurable
Detection parameters	observation time, sensitivity, minimum object size, maximum object speed

Display

Object marking	object frame and path of motion can be visualized separately
Object overlay	colour overlay on the digital video stream in all operating modes displayed in colour in the analogue video output signal in the operating modes: SISTORE CX1: 1/0, SISTORE CX4: 2/0 and SISTORE CX8: 4/0

Alarm output

Digital outputs	1x NC contact or NO contact per video input
SISTORE CX Client	alarm message via LAN to the client software
System integration	Siemens SBT VSS-SDK

Details for ordering

Type	Part No.	Designation
CX1 EDS	S24245-P5101-A1	EDS software option* for SISTORE CX1 Motion detection and object tracking for critical outdoor areas
CX4 EDS	S24245-P5101-A2	EDS software option* for SISTORE CX4 Motion detection and object tracking for critical outdoor areas
CX8 EDS	S24245-P5101-A3	EDS software option* for SISTORE CX8 Motion detection and object tracking for critical outdoor areas

* SISTORE CX firmware version 3.x is required; a software upgrade of the devices may be necessary.