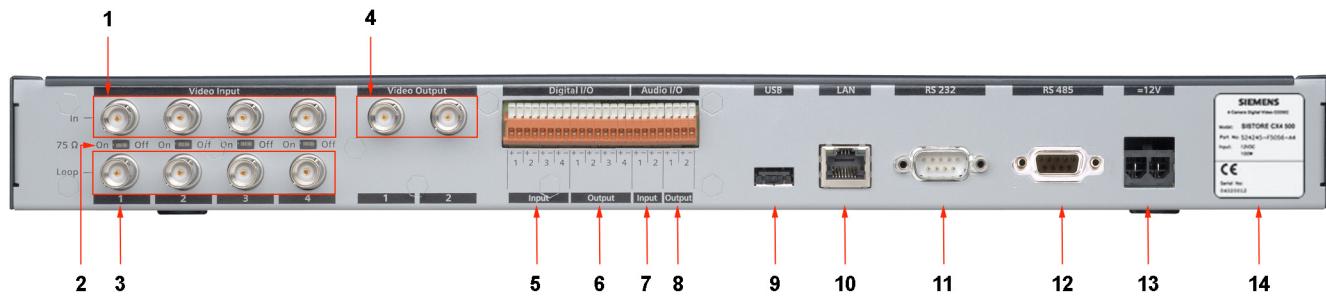# SIEMENS

SISTORE CX4 V3.5
Intelligent Digital Video Codec

CX4 0/100
CX4 250/100
CX4 500/100
CX4 1000/100

- **Full frame, real-time video codec with 4 video inputs and 2 video outputs**
- **High quality video streaming and recording using MPEG4 SP/ASP**
- **Comprehensive video analytics functionalities**
- **Simultaneous recording of analogue and MPEG4 network cameras**
- **Easy, universal Plug and Play configuration**
- **Advanced and reliable storage concepts**
- **Web-based status information and live video**
- **Stable and reliable embedded design based on DSP technology**
- **Transparent data channel allows the control of conventional dome/PTZ cameras over the IP network**
- **Callback functionality (various display options for the alarm images in the remote client software)**
- **Backup of video sequences with signature according to Kalagate**
- **Integration into existing IT infrastructure**
- **Import and export of the configuration for ease of commissioning**

SISTORE CX is an intelligent digital video Codec for video transmission and recording. Developed using the latest Siemens IT technology, SISTORE CX is particularly suited for applications requiring video transmission and/or recording or as video sensor in IP network installations. SISTORE CX, encoder and decoder at the same time, provides excellent scalability and transparent communication using client stations located throughout the network. It can be used to build a "virtual video matrix", providing video over IP streams for display on analogue output devices or PC based software decoders.

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Connections

1	4 video inputs (PAL)	5	4 digital inputs	9	USB 1.1	13	Power supply port
2	4 terminating resistors	6	4 digital outputs	10	LAN	14	Rating label
3	4 loop-throughs	7	Audio inputs*	11	RS232		
4	2 video outputs (PAL)	8	Audio outputs*	12	RS485		

* not yet supported by software

Technical data

	CX4 0/100	CX4 250/100	CX4 500/100	CX4 1000/100
Internal hard drive	–	1 x 250 GB	2 x 250 GB	2 x 500 GB
Operating modes Video in and video out	4/0, 2/0, 2/1, 1/1, 0/2	4/0, 2/0, 2/1, 1/1, 0/2	4/0, 2/0, 2/1, 1/1, 0/2	4/0, 2/0, 2/1, 1/1, 0/2
Network cameras	up to 2	up to 2	up to 2	up to 2
Encoding CIF / 2CIF / 4CIF	100 / 100 / 50 ips	100 / 100 / 50 ips	100 / 100 / 50 ips	100 / 100 / 50 ips
Decoding 2CIF / 4CIF	50 ips	50 ips	50 ips	50 ips
Encoding and Decoding 2CIF	50 and 25 ips	50 and 25 ips	50 and 25 ips	50 and 25 ips
Encoding and Decoding 4CIF	25 and 25 ips	25 and 25 ips	25 and 25 ips	25 and 25 ips
Digital inputs / outputs	4 / 4	4 / 4	4 / 4	4 / 4
Motion and tamper detection	for each video input	for each video input	for each video input	for each video input
Video signal	Loss detection	Loss detection	Loss detection	Loss detection
Ethernet	1 x 10 / 100 Mbit	1 x 10 / 100 Mbit	1 x 10 / 100 Mbit	1 x 10 / 100 Mbit
Transparent data channel	1 x RS-232 and 1 x RS-485	1 x RS-232 and 1 x RS-485	1 x RS-232 and 1 x RS-485	1 x RS-232 and 1 x RS-485
Service interface	1 x USB 1.1	1 x USB 1.1	1 x USB 1.1	1 x USB 1.1
Power supply (Adapter 100 – 240 V AC included)	max. 12 V DC / 3 A	max. 12 V DC / 4 A	max. 12 V DC / 5 A	max. 12 V DC / 5 A
Power consumption	max. 100 W	max. 100 W	max. 100 W	max. 100 W
Ambient temperature	5 °C – 40 °C	5 °C – 40 °C	5 °C – 40 °C	5 °C – 35 °C
Relative humidity	20 – 80 % no condensation	20 – 80 % no condensation	20 – 80 % no condensation	20 – 80 % no condensation
Version 19" rack assembly	1 HE	1 HE	1 HE	1 HE
Dimensions (W x H x D)	440 x 45 x 380 mm	440 x 45 x 380 mm	440 x 45 x 380 mm	440 x 45 x 380 mm

Details for ordering

Type	Order No.	Designation	Weight
SISTORE CX4 0/100	S24245–F5056–A2	4 cameras – without hard drive – 100 ips	4.20 kg
SISTORE CX4 250/100	S24245–F5056–A3	4 cameras – 1 x 250 GB – 100 ips	5.00 kg
SISTORE CX4 500/100	S24245–F5056–A4	4 cameras – 2 x 250 GB – 100 ips	5.80 kg
SISTORE CX4 1000/100	S24245–F5056–A6	4 cameras – 2 x 500 GB – 100 ips	5.80 kg
CX4 EDS	S24245–P5101–A2	EDS – Enhanced Detection Solution Motion detection and object tracking	–
CX4 ODR	P54565-P1–A2	ODR – Object Detection/Removal Detection of removed or left objects	–

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