

SISTORE SX Digital video recorder

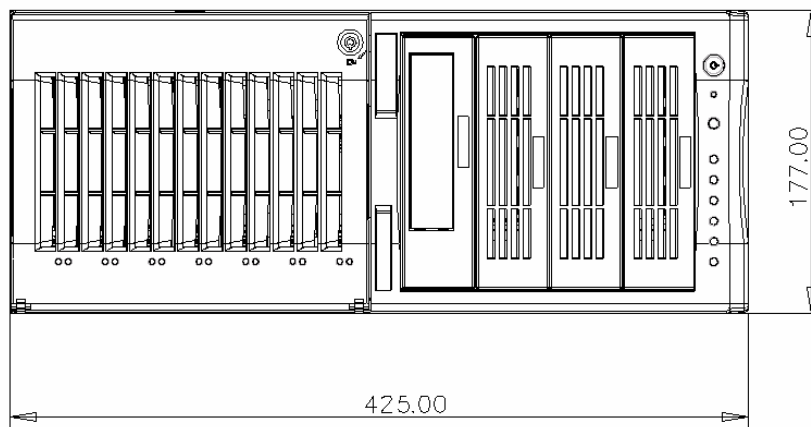
SX8
SX16
SX32

- 8, 16 or 32 video inputs recording up to 400 ips
- Simultaneous video storage, video transmission and video evaluation
- Efficient utilisation of resources by application of MPEG4 technology
- Network transparent Client Server architecture
- Cluster Management for up to 256 video inputs

SISTORE SX is a digital video picture storage unit disposing of the latest Siemens technology for use in network orientated system solutions for medium-sized up to large installations. It disposes of optimum scalability with recording servers in the network and transparent communication with server clients via TCP/IP. In addition, a "virtual video matrix" can be created via IP with the implemented video streaming. SISTORE SX8 is compatible with Siemens SiADS system and does not require a break-out box for rear panel connections, as these are integral.

- **Freely definable modes of recording**
With the help of the SISTORE SX control generator an individual mode of operation for long-term recording can be generated for each camera.
- **Network transparency**
Due to the consistent Client/Server architecture and the optional Cluster Servers the different recording servers in the network represent a transparent virtual overall system to the operator.
- **Platform independence**
Due to the consistent JAVA implementation of the Client software the Client can be run under Windows in the Web Browser (independent of the operation system) or as an application with optimised performance.

Dimensions



Front view

Technical data

	SISTORE SX8	SISTORE SX16	SISTORE SX32
Video inputs	Real-time recorder	Multiplexed recorder	Multiplexed recorder
Inputs	8 PAL, 1Vpp, 75 Ohm, BNC, loop-thru	16 PAL, 1Vpp, 75 Ohm, BNC, loop-thru (1 x separate breakout box)	32 PAL, 1Vpp, 75 Ohm, BNC, loop-thru (2 x separate breakout boxes)
Recording speed (without motion detection)	200 ips CIF 200 ips 2CIF	200 ips CIF 100 ips 2CIF	400 ips CIF 200 ips 2CIF
Recording speed (with motion detection)	n.a.	64 ips CIF/2CIF	128 ips CIF/2CIF
Hard disk capacity (internal)	250, 500 or 750 GByte, IDE without RAID	250, 500 or 750 GByte, IDE without RAID	250, 500 or 750 GByte, IDE without RAID
Hard disk capacity (external)	SCSI connection for external RAID system	SCSI connection for external RAID system	SCSI connection for external RAID system
Video outputs			
Streaming	Video output to Client PC via Video over IP	Video output to Client PC via Video over IP	Video output to Client PC via Video over IP
Alarms			
Inputs	none	16 x, 5 to 24 VDC, optically decoupled	32 x, 5 to 24 VDC, optically decoupled
Outputs	none	8, open collector, optically decoupled	16, open collector, optically decoupled
Video signal	Sync-monitoring with alarm	Sync-monitoring with alarm	Sync-monitoring with alarm
Motion detection	none	Video motion detection analysis, programmable per camera	Video motion detection analysis, programmable per camera
SiADS compatible	Yes	no	no
Electrical specifications			
Power supply	230 VAC, optional redundant	230 VAC, optional redundant	230 VAC, optional redundant
Power input	500 W (max.)	500 W (max.)	500 W (max.)
Environmental conditions			
Operating temperature range	10 to 35 °C (in operation)	10 to 35 °C (in operation)	10 to 35 °C (in operation)
Relative Humidity (in operation)	8 to 90%, (non-condensing)	8 to 90%, (non-condensing)	8 to 90%, (non-condensing)
Mechanical specifications			
Version	19-inch rack, 4U	19-inch rack, 4U	19-inch rack, 4U
Dimensions (W x H x D)	425 x 177 x 615 mm	425 x 177 x 615 mm	425 x 177 x 615 mm

Details for ordering

Type	Part no.	Designation	Weight
SISTORE SX8 250*	2GF4818-8AA	Real-time digital recorder, 8 cameras, 250 GB*	35.0 kg
SISTORE SX8 500	2GF4818-8AB	Real-time digital recorder, 8 cameras, 500 GB	35.0 kg
SISTORE SX8 750	2GF4818-8AC	Real-time digital recorder, 8 cameras, 750 GB	35.0 kg
SISTORE SX16 250*	2GF4818-8BA	Multiplexer digital recorder, 16 cameras, 250 GB*	35.0 kg
SISTORE SX16 500	2GF4818-8BB	Multiplexer digital recorder, 16 cameras, 500 GB	35.0 kg
SISTORE SX16 750	2GF4818-8BC	Multiplexer digital recorder, 16 cameras, 750 GB	35.0 kg
SISTORE SX32 250*	2GF4818-8CA	Multiplexer digital recorder, 32 cameras, 250 GB*	35.0 kg
SISTORE SX32 500	2GF4818-8CB	Multiplexer digital recorder, 32 cameras, 500 GB	35.0 kg
SISTORE SX32 750	2GF4818-8CC	Multiplexer digital recorder, 32 cameras, 750 GB	35.0 kg
COSC000001	2GF4818-8EA	Video Cluster Server PC	35.0 kg

*SISTORE SX basic configuration for extension with an external RAID.