SANSTORE-4HDX

SANTEC 4-ch HD-SDI hybrid digital video recorder
incl. 1 TB HDD

PRODUCT DESCRIPTION

▶ **Application:**

The digital hybrid videorecorder of the SanStore-HDX series are able to record videosignals of HD-SDI (HD-CCTV) cameras and of analogue CCTV Kameras in realtime with 25 frames per second on each channel in full resolution (up to full HD). The integrated autodetction allows an easy and flexible mixed use of HD-SDI and analogue CCTV cameras. The DVRs can be network-operated and have various functions like integrated motion-detection, schedule and RAID. Using suitable Apps, the recorders can also be accessed by iPhones or Android smartphones.

▶ **Technical specifications:**

Type	HD-SDI Digital Video Recorder
Video inputs	4 x HD-SDI (1080p/720p/960H/D1)
Video outputs	No
Audio inputs	4 Channel
Audio outputs	1 x Cinch
Alarm inputs	4
Alarm outputs	1
HDD capacity (internal)	1 TB
Max. HDD capacity	8 TB (2 x 4 TB)
Max. number of HDDs (internal)	2 x SATA
External HDD possible	through eSATA
RS-232 interface	No
RS-422 interface	No
RS-485 interface	Yes
USB interface	USB 2.0

▶ **Technical specifications:**

USB ports	2 x Front
Ventilation	Fan
Spot monitor outputs	1 x BNC 1Vpp
Number of supported monitors	1 x BNC 1Vpp, 1 x VGA, 1 x HDMI
Split mode spotmonitor	Yes
Internal RAID	Yes
DVD-RW	No
Export interface	USB/network
Control panels (external)	PC-mouse
Remote control	No
Number of Ethernet ports	1
Ethernet connector	RJ-45
Ethernet speed	10 / 100 Mbit
Ethernet standards	10Base-TX/100Base-TX
Video signal	PAL, NTSC
Compression (video)	H.264
Compression (audio)	n.a.
Max. resolution	HD (1920x1080)
Max. frame rate (fps)	100 at HD (1920x1080)
Alarm recording (dig. input)	Yes
Motion recording	Yes
Digital input recording	Yes
Manual recording	Yes
Permanent recording	Yes
Schedule recording	Yes
Live picture	Yes
Mega pixel camera support	HD-SDI
Dsiplay split	multiple / full screen
Call notification	No
Digital output notification	Yes
Audio notification	No
CMS notification	No
E-mail notification	Yes
E-map notification	No
Monitor notification (Popup)	Yes
PTZ notification	Yes
Snapshot notification	No
SMS notification	No
Motion detection	Yes
Missing/abandoned object detection	No
Lost focus detection	No
Foreign object detection	No
Camera occlusion detection	No

▶ **Technical specifications:**

Lost signal detection	Yes
Pre-alarm recording	Yes
Post-alarm recording	Yes
Watermark	Yes
Picture data export	USB / network
Counting application	No
Intelligent search	Yes
Intelligent search criteria	Motion mask
Password protection	Yes
Log files	Yes
Hidden camera recording	Yes
Supported OS	Windows
Management of IP devices	No
DynDNS support	Yes
UPNP support	No
Digital matrix	No
Preset positions	255
PTZ control	Yes
PTZ protocols	Pelco P/D
Remote connections	Yes
Max. remote connections	n.a.
User management	Yes
Time syncronisation	SNTP protocol
DHCP support	Yes
Access	WEB interface / software
Supported software for remote access	Web interface, Client software, iPhone, Android
Transmission speed (network)	max. 100 Mbit/S.
Firmware upgrade	EOS
Noise emission (dB)	n.a.
Housing colour	Black
Rack mount (U)	1.5
Max. Power consumption (watt)	36
Voltage	12 V DC using external power supply 230VAC
Operating temperature (°C)	+5 to +40
Storage temperature (°C)	-10 to +50
Rel. humidity (%)	20 - 80, non-condensing
Dimensions WxHxD (mm)	340 x 67 x 250
Weight	4 kg (w/o HDD)
Identifier	CE
Items included in delivery	Power supply, stick, mouse

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Note:

When using a digital recorder, it is recommended to use a USV system.

▶ **Recommended Accessories**

SANSTORE-MOUSE	USB mouse for SanStore Digital Videorekorder
HDD-2000HV	HDD for DVR/NVR, 2 TB SATA 24/7 tested
HDD-1000HV	HDD for DVR/NVR, 1 TB SATA 24/7 tested