VNS 1

DIN
DIN EN 50130-4

ℹ **Available shortly!**

The VNS 1 is a 1 channel audio and video streamer with recording capability. It is able to receive, via an Ethernet network, audio and video streams in different encodings, record and playback them and output them in real time as a stream.

The VNS 1 is a stand-alone streamer. The compact and robust design of the streamer allows for a flexible use of the device, regardless of the location. The VNS 1 is furthermore designed for the installation and operation in a 19" module rack.

- 1x IP based video channel
- Simultaneous real-time recording, streaming and playback
- Supported video formats: MPEG-2/-4 H.264 [1]
- Supported audio formats: MPEG-1 Layer 2, G.722 [1]
- Bit rate up to 16 Mbps and frame rate up to 25 fps
- Resolutions: SD, HD, (720p, 10870i, 1080p)

[1] In development

- Evaluation with SeMSy® or PView via Ethernet
- Integrated motion detection
- Configuration and firmware update through web browser via Ethernet
- Linux operating system on Flash memory
- Integrated hard disk
- DIN EN 50130-4 compliant

	Variants
Item number	
008.007.012.101	**VNS 1 with 1x 120 GB HDD** **1x IP based video channel** **Please note: this product is only available on request!**

	Options
Item number	
002.001.390	19" module rack, (L390 mm x 3HU) for the installation of up to 10 single devices, incl. power supply unit and its depositing rack
000.214	19" bracket, for up to 4 units (1HU)

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Product specifications subject to change without notice.

V1.0.1

Technical specifications

Features	Recording, streaming, play-back
Max. camera inputs	1x
Video compression	MPEG-2/MPEG-4, MJPEG
Audio compression	MPEG-1 Layer2
Resolution	D1, 4CIF, Half D1, 2CIF, CIF, QCIF
Frame rate at all resolution	6.25 / 12.5 / 25 fps
Bit rate -video-	0.25 - 16 Mbps
Bit rate -audio-	64 - 384 Kbps

Interfaces

Video IN	Streaming via Ethernet
Video OUT	Streaming via Ethernet
Audio IN	Streaming via Ethernet
Audio OUT	Streaming via Ethernet
Ethernet	1x RJ45, 10/100 Mbit/s
Ethernet protocols	Unicast: IPv4, TCP, HTTP, IGMP, DHCP, ARP, NTP, UDP
	Multicast: UDP, RTP, RTCP
Contact IN	4x
Contact OUT	4x

Integrated functions

SmartFinder	Integrated
Recording mode	Permanent, contact

Further specifications

Internal HDDs -standard-	1x 2.5"
Internal storage capacity	120 GB
Configuration	Via web browser
Video norm	PAL / NTSC
Power consumption	Max. 17 W
Voltage supply	12 V DC
Heating power	Max. 58 BTU/h
Dimensions W x H x D	110 x 44 x 245 mm
Weight	Approx. 1.5 Kg
Ambient temperature	5° - 40° C
Humidity -not condensing-	5 - 70%
Operating system	Linux
Languages	German, English, French, Italian (others on request)