

## DIS-2/M NSU



The DIS-2/M NSU is a 1 channel audio and video streamer in modular construction with recording capability. It is able to receive audio and video streams in various encodings via an Ethernet network (unicast or multicast), record them, play back and output them as a stream.

The DIS-2/M NSU is conceived for mounting and operation in a 19" module rack. In the case of a service the DIS-2/M NSU modules can be quickly and easily exchanged (hot-plug functionality).

- 1x IP based video channel
- Simultaneous recording, streaming, live display and playback
- Supported video formats: MPEG-2/-4, MJPEG, H.264 <sup>1)</sup>
- Supported audio formats: MPEG-1 Layer 2, G.722 <sup>1)</sup>
- Bit rate (constant or dynamic) up to 16 Mbps
- Resolutions: SD, HD (720p, 1080i, 1080p)
- Frame rate up to 25 fps at all resolutions

<sup>1)</sup> In development

- Configuration with web browser via Ethernet
- Evaluation with SeMSy® or PView 7 via Ethernet
- Integrated motion detection and SmartFinder
- Linux operating system on Flash memory
- Modular design with hot-plug functionality of the individual modules
- Available as variant with 2 HDDs or 1 HDD

Variants	
Item number	
002.004.1.000.000	DIS-2/M NSU 550 mm for 1x HDD 1x IP based video channel
	Please note: HDDs must be ordered separately!
002.004.2.000.000	DIS-2/M NSU 700 mm for 2x HDDs 1x IP based video channel
	Please note: HDDs must be ordered separately!

Options	
Item number	
002.000.11.550	19" module rack 550, (L550 mm x 3HU) for the installation of up to 10 modules with 1x HDD, incl. power supply and fan
002.000.11.700	19" module rack 700, (L700 mm x 3HU) for the installation of up to 10 modules with 2x HDDs, incl. power supply and fan
200.128FS	Internal RAID 1, 2x HDDs with the same capacity required (only ex factory)

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## Technical specifications

Operating mode	Streaming, recording, live display, playback
Supported cameras	IP cameras of Dallmeier and of third party, incl. megapixel and high-definition cameras
Supported video/audio formats	MPEG-2, MPEG-4, MJPEG, H.264 / MPEG-1 Layer 2, G.722
Frame rate per encoder channel	Up to 50 fps / 60 fps
Resolution per encoder channel	SD, HD (720p, 1080i, 1080p), up to 8MP

### Interfaces

Ethernet	1x RJ45, 10/100 Mbps
Ethernet protocols	IPv4, TCP, UDP, ARP, ICMP, DHCP, NTP, HTTP, RTSP, IGMP V2, RTP, RTCP
Contact IN / relay OUT	4x, each 1 function / 4x, as NC or NO

### Integrated functions

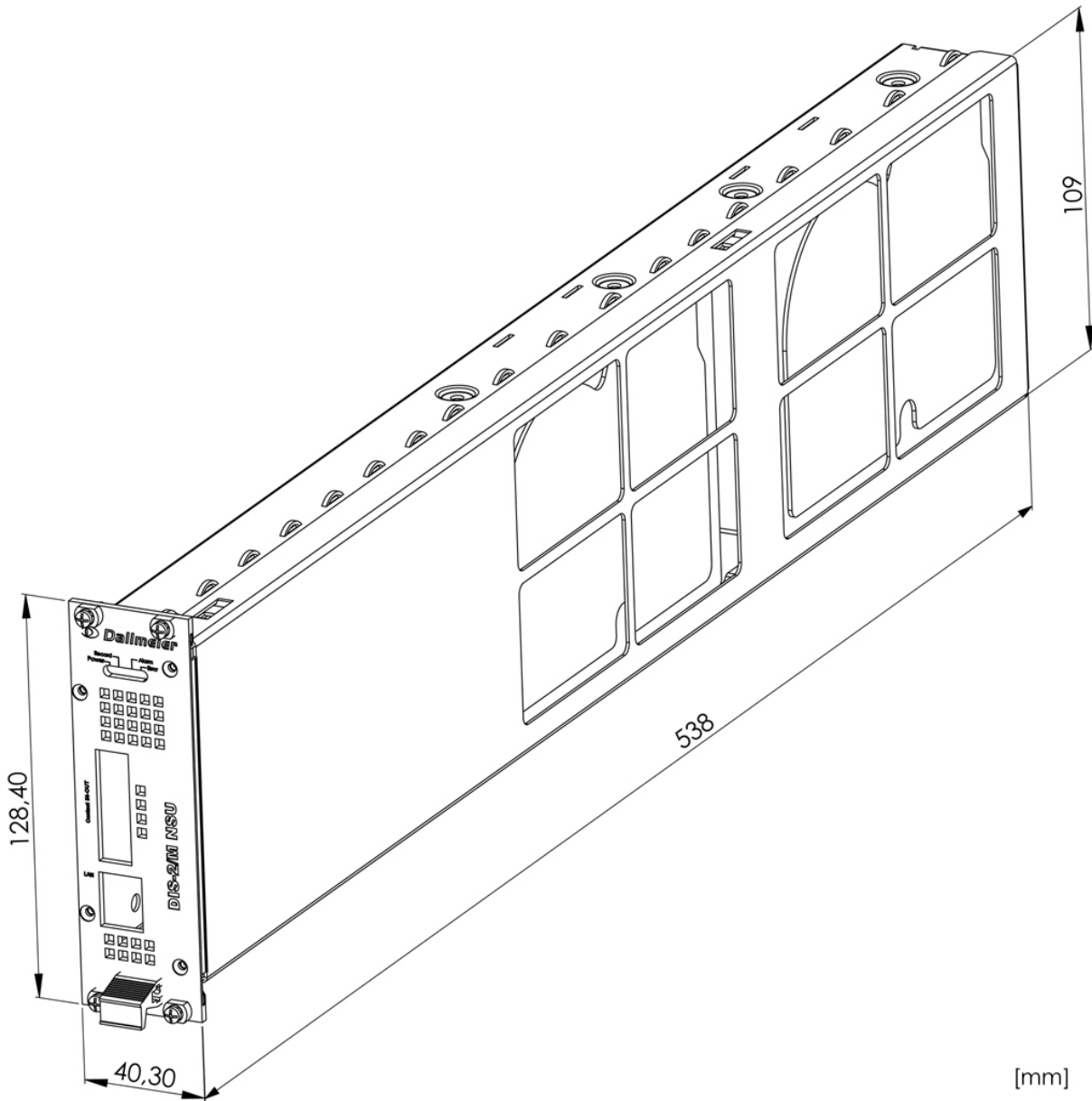
Configuration	Via web browser
Recording mode	Permanent, motion, contact
Motion detection	Integrated
SmartFinder	Integrated
Languages	German, English, French, Italian (others on request)

### Further specifications

Internal hard disks	Up to 2x 3.5" (optional)
Max. storage capacity	Up to 2 TB
Video norm	HDTV, SDTV (PAL/NTSC)
Voltage supply	12V DC +/-5%
Power consumption	Max. 17 W
Heating power	Max. 58 BTU/h
Operating temperature	+5°C - 40°C
Humidity	5 - 70% RH non-condensing
Operating system	Linux
Dimensions (W x H x D)	Approx. 41 x 129 x 228 mm (without HDDs) Approx. 41 x 129 x 378 mm (with 1x HDD) Approx. 41 x 129 x 538 mm (with 2x HDDs)
Weight	Max. 2.5 kg
Applicability	In a 19" module rack
Used in	Control and server rooms
Approvals/certifications	CE, UL, CB, Kalagate

DIS-2/M NSU

Technical drawings



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