

## DIS-2 Multi-D HD



Available shortly!

The DIS-2 Multi-D HD is a 1 channel high-definition audio and video decoder in modular design with recording capability. It is able to receive audio and video streams in various encodings via an Ethernet network (unicast or multicast), decode and record them and output them in real-time via its HDMI interface (up to 1080p).

The DIS-2 Multi-D HD is designed for installation and operation in a 19" module rack. In the case of a service the DIS-2 Multi-D HD modules can be quickly and easily exchanged (hot-plug functionality).

- 1x IP based video channel
- Simultaneous decoding, recording, live display and playback
- Supported video formats: MPEG-2/-4, 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
- HDMI ready with an output format of up to 1080p <sup>1)</sup>
- Fast display times, low delay (less than 100ms)

<sup>1)</sup> In development

- Upscaling from SD to 720p, 1080i or 1080p <sup>1)</sup>
- Video outputs: 1x HDMI, 1x CVBS/BNC
- Configuration with web browser via Ethernet
- Evaluation with SeMSy® or PView via Ethernet
- Linux operating system on Flash memory
- Modular design with hot-plug functionality of the individual components
- Available as variant with 2 HDDs, 1 HDD or without HDDs

Variants	
Item number	
002.006.0.000.000	DIS-2 Multi-D HD without HDDs 1x IP based video channel
002.006.1.050.000	DIS-2 Multi-D HD with 1x 500 GB HDD 1x IP based video channel
002.006.1.075.000	DIS-2 Multi-D HD with 1x 750 GB HDD 1x IP based video channel
002.006.1.100.000	DIS-2 Multi-D HD with 1x 1000 GB HDD 1x IP based video channel
002.006.2.050.050	DIS-2 Multi-D HD with 2x 500 GB HDDs 1x IP based video channel
002.006.2.075.075	DIS-2 Multi-D HD with 2x 750 GB HDDs 1x IP based video channel
002.006.2.100.100	DIS-2 Multi-D HD with 2x 1000 GB HDDs 1x IP based video channel

Options	
Item number	
002.000.11.390	19" module rack 390, (L390 mm x 3HU) for the installation of up to 10 modules without HDD's, incl. power supply and fan
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

Operation mode	Decoding, recording, live display/playback
Max. video decoder channels	1x IP based channel
Supported cameras	IP cameras of Dallmeier and of third party, incl. megapixel and high definition cameras
Supported video/audio format	MPEG-2, MPEG-4, MJPEG, H.264 / MPEG-1 Layer 2, G.722
Frame rate per decoder channel (HDTV)	50 fps / 60 fps
Frame rate per decoder channel (SDTV)	25 fps / 30 fps
Resolution per decoder channel (HDTV)	720p, 1080i, 1080p (in development)
Resolution per decoder channel (SDTV)	576p / 480p

### Interfaces

Video outputs	1x HDMI, 1x CVBS/BNC
Audio output	1x 3.5 mm phone jack (stereo)
Ethernet	1x RJ45, 10/100 Mbps
Ethernet Protocols	Unicast: IPv4, TCP, HTTP, IGMP, DHCP, ARP, NTP, UDP Multicast: UDP, RTP, RTCP
Serial	1x RS232/RJ12

### Further specifications

Configuration	Via web browser
Exchangeable hard disks	Up to 2x 3.5"
Max. storage capacity	Up to 2 TB
Video norm	PAL / NTSC / HDTV
Power consumption	Max. 25 W
Voltage supply	12V DC +/- 5%
Heating power	Max. 85 BTU/h
Dimensions -W x H x D-	Approx. 129 x 41 x 245 mm (without HDDs) Approx. 129 x 41 x 378 mm (with 1x HDD) Approx. 129 x 41 x 538 mm (with 2x HDDs)
Weight	Approx. 2.5 kg (with 2x HDDs)
Operating temperature	+5°C - 40°C
Humidity -not condensing-	5 - 70 %
Operating system	Linux
Languages	German, English, French, Italian (others on request)
Applicability	In a 19" Module Rack
Approvals/certifications	CE, UL, CB, Kalagate