

DIS-2/M UTP



1-channel MPEG-2/-4 real time streamer and recorder with twisted pair input

- The DIS-2/M UTP is a 1-channel audio and video recorder in modular construction and with an UTP (two-wire line/Unshielded Twisted Pair) video input. It is able to receive, convert and transmit analogue audio and video signals in real-time and as a stream (RTP protocol, unicast or multicast) via a network. The DIS-2/M UTP is conceived for mounting and operation in a 19" module rack. In a service case the DIS-2/M modules can be exchanged fast and simply (hot-plug).

Features:

- Modular construction (hot-plug capability of the single modules)
- Available as variants with 2 HDDs, 1 HDD or without HDD
- Analogue video inputs CVBS/S-Video/UTP
- Video compression MPEG-2/-4, MJPEG
- Audio compression MPEG-1
- Bit rate (constant or dynamic) up to 16 Mbps
- Frame rate up to 25 fps
- Resolution up to D1
- Configuration with browser via LAN
- Simultaneous and real-time recording and streaming
- Evaluation with SeMSy® or PView via LAN
- Integrated SmartFinder function
- Linux operating system on flash drive

Options:

- Max. 2 hard disks à 500 GB
- DIS-2/M component rack
- Dual Stream

Item number

- SL002.ENC.700U.001

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Format

Video standard	PAL / NTSC
Video compression	MPEG-2 MP@ML MPEG-4 ISO/IEC 14496, MJPEG
Audio compression	MPEG-1 Layer 2 MP3 (planned)

Encoding

Frame rate (PAL)	6.25 / 12.5 / 25 fps
Frame rate (NTSC)	7.5 / 15 / 30 fps
Video bit rate	0.25 - 16 Mbps
Audio bit rate	64 - 384 kbps
Resolution (PAL)	D1, 4CIF, Half D1, 2CIF, CIF, QCIF
Resolution (NTSC)	D1, 4SIF, Half D1, 2SIF, SIF, QSIF

Video IN/OUT

Video IN (CVBS)	1x BNC, 1x UTP
Video IN (S-Video)	1x mini DIN 4
Video OUT	Streaming over Ethernet

Audio IN/OUT

Audio IN	1x 3.5 mm phone jack
Audio OUT	Streaming over Ethernet

Further interfaces

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, 1 function each
Relay OUT	4x, as NC or NO
Serial	1x RJ12, RS232 / RS485

Other hardware details

Internal HDDs (optional)	Up to 2x 3.5" over SATA2 interface
Storage capacity	Up to 1.5 TB in total
Mains voltage	12V DC
Power consumption	Max. 25 W
Dimensions (no HDD)	Approx. W 129 x H 41 x T 245 mm
Dimensions (1 HDD)	Approx. W 129 x H 41 x T 380 mm
Dimensions (2 HDDs)	Approx. W 129 x H 41 x T 553 mm
Temperature	+5°C - 40°C
Heat power	Max. 85 BTU/h
Humidity	5 - 70 % (not condensing)
Weight	Approx. 2.5 kg (incl. 2 HDDs)
Operating system	Linux
Languages	German, English; French; Spanish (others on request)