DIS-2/M DecoderPro HD

ⓘ Available shortly!

The DIS-2/M DecoderPro HD is a 1 channel stand-alone high-definition audio and video decoder. It is able to receive audio and video streams in various encodings via an Ethernet network (unicast or multicast), simultaneously decode them and output them in real-time via its HDMI interface (up to 1080p).

The DIS-2/M DecoderPro HD is a stand-alone decoder. Its compact and robust design allows the decoder to be used ad-hoc and in a multitude of locations.

- 1x IP based video channel
- Simultaneous decoding and live display
- Supported video formats: MPEG-2/-4, H.264   [1]
- Supported audio formats: MPEG-1 Layer 2, G.722   [1]
- Bit rate (constant or dynamic) up to 16 Mbps
- HDMI ready with an output format of up to 1080p   [1]
  - [1] In development

- Video outputs: 1x HDMI, 1x CVBS/BNC
- Fast display times, low delay (less than 100ms)
- Upscaling from SD to 720p, 1080i or 1080p   [1]
- Configuration with web browser via Ethernet
- Evaluation with SeMSy® or PView via Ethernet
- Linux operating system on Flash memory

Variants	
Item number	
002.008.000	**DIS-2/M DecoderPro HD without HDDs** **1x IP based video decoder channel**

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)**

DIS-2/M DecoderPro
HD

Technical specifications

Operation mode	Decoding, 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 Layer2, 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 (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 44 x 245 mm
Weight	Approx. 1 kg
Operating temperature	+5°C - 40°C
Humidity -not condensing-	5 - 70 %
Operating system	Linux
Languages	German, English, French, Italien (others on request)
Applicability	Stand-alone or in a 19" Module Rack
Approvals/certifications	CE