

Audio Video Recorder 1U (AVR-1U)

AVR-1U is universal solution for data acquisition of underwater surveys and inspections carried out by ROVs and divers. AVR-1U consists of on-board recording unit only, based on 19" rack-mount chassis. It is capable to overlay compatible sensor data to video stream.



Features

- Preinstalled DVSDVP data acquisition software
- 1 video input
- 1 line-in audio input (2 channels)
- 1 x RS-232 serial data input
- 1 x RS-232/422/485 serial data input
- 2 x USB 2.0
- Sensor data overlay
- Text overlay
- Rack-mount
- Easy record control (2 buttons)
- Easy playback control (3 buttons)
- Recording directly to HDD in AVI files (MPEG-4)
- Filename generation: YYYYMMDD_HHMMSS.avi
- Copying files via USB using external data storage units

External Data Recording

- Thickness gauges
- Depth sensors
- GPS-data
- Other types of serial data

Applications

- Underwater surveys
- Diver surveys
- NDT survey

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Specifications

Recording Unit	
Video inputs	1 (PAL, 1Vp-p, 75 Ohm, BNC)
Audio inputs	2 line-in channels (1 mini-jack)
Audio outputs	2 line-in channels (1 mini-jack)
USB	2 (USB 2.0)
COM	1 (RS-232) 1 (RS-232/422/485)
Form-factor	Rack-mount 19" 1U
Dimensions	482x43x363 mm
Weight	5 kg
Power supply	220V AC
Operating temperature	0°C +40°C
Storage temperature	-20°C +60°C
DVR	
Software	DVSDVP
Format	AVI
Resolution	720x576
Frame rate per channel	25 fps
Video	1 channel
Audio	2 channels
Serial (sensor) data	2 channels
Recording duration	Up to 150 hours
Records output	Via USB using external data storage units or via LAN
Accessories	
Cables	Video cable, audio cable

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