

AVR 100



KONGSBERG



HELIDECK AUDIO AND VIDEO RECORDER

AVR 100 is a recording system for offshore helicopter operations, logging radio communication between helicopter and helideck crew, as well as video recordings of the helideck, for 30 days. The AVR is an add-on to the Helideck Monitoring System (HMS), enabling the HMS to be compliant to BSL D5-1 §40 and §41 requirements.

TECHNICAL SPECIFICATIONS

VIDEO INPUT

Input signal	SDI (BNC connector) or RTSP (Ethernet, RJ45)
Codec	h.264
Framerate	15 - 30 fps
Resolution	up to 1920 x 1080 (16:9 or 4:3)
Bitrate	500 - 6000 kbps (CBR)

AUDIO INPUT

Input signal	Analog
Codec	Opus
Channels	2 (Stereo)
Bitrate	6 - 510 kbps (CBR or VBR)
Sample rate	8 - 48 kHz

NMEA INPUT

Input	NMEA unicast/broadcast (Ethernet, RJ45)
NMEA telegrams	GGA, VTG, HDT/HDG, ZDA

LOGGING CAPABILITIES

Storage capacity	2 TB
History	30 days
Data integrity	RAID
Data encryption	None
Data retrieval	USB (graphical interface) or SFTP (Ethernet, RJ45)

WEIGHT AND DIMENSIONS

W x H x D	380 x 89 x 351 mm
Weight	7.5 kg

POWER

Supply voltage	100-240 V DC
Power consumption	40W (Typical) - 240W (Max.)

COMPLIANCE

IEC 60945

Specifications subject to change without any further notice.

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