

# AVR 100



KONGSBERG



## Helideck audio and video recorder

AVR 100 is a recording system for offshore helicopter operations. It logs radio communication between the helicopter and the helideck crew, as well as logging video recordings of the helideck, for a period of 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 × 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)

### Weights and dimensions

Weight	7.5 kg
Dimensions	389 × 89 × 551 mm

### Power specifications

Supply voltage	100 - 240 VDC
Power consumption	4 W (Typical) - 24 W (Max. Od)

### Environmental specifications

Operating temperature	-15 - 55 °C
Storage temperature	-20 - 70 °C
Humidity	< 95 %

### Compliance

Electromagnetic compatibility IEC 60945

Specifications subject to change without any further notice.