



## SIMPLIFIED VOYAGE DATA RECORDER

The VR2272B simplified voyage data recorder is one of the most reliable and competitively priced systems on the market. As one of the most popular and well supported S-VDR systems available, it conforms to all current IMO, IEC & SOLAS standards for vessels of 3,000gt or above. Designed for easy and economic installation, the VR2272B is the system of choice for retrofit vessels constructed before 1st July 2002. It offers an effective and dependable system for retrieval of data in the event of an incident at sea.

The VR2272B captures all mandatory information and stores it in an approved final recording media, the data storage capsule.

Data capture is fully automated and requires no action from the ship's crew.

Additionally, an incident capture may be initiated by the crew which will save 12 hours of data.

Up to a further two days of ships data can be accessed from the system memory which is then overwritten on a continual loop process.

A minimum of 12 hours historic playback data is recovered by downloading the information from the capsule onto a laptop computer or alternate storage devices.

The system continues recording data without interruption during the download process.

This modular system is compact and lightweight making it ideal for both large and small vessel bridges.

### The AMI Simplified Voyage Data Recorder system comprises:

- Main Electronics Unit (MEU)
- Capsule Fixed KW999-S
- Bridge Microphones KW972
- VHF Interface KW973
- Remote Alarm Unit KW950-NT
- Battery Backed PSU KW914-C



KW999-S  
16GB Hardend Capsule



KW905  
Main Electronic Unit



## SPECIFICATIONS

- MAIN ELECTRONICS UNIT (MEU)** The main electronics unit operates without a keyboard, mouse or PC display. The control and display panel, power & distribution board, radar capture, data combiners & audio interface complete the system.
- DATA ACQUISITION** Records the combined mandatory data.  
Records all bridge audio and a designated VHF.  
Digitises, compresses and saves the radar file every 15 seconds
- CONTROL AND DISPLAY PANEL** Minimal controls.  
Status and alarm display.  
Audible alarm.  
Status LEDs.  
Push to save data to local memory.  
Push to test microphones.  
Power key switch.
- AI6MR AUDIO INTERFACE** The Audio Interface will accept up to 5 microphones.  
1 VHF COMM input.  
Expandable using the KW972-C audio combiner.
- MICROPHONES INTERNAL AND EXTERNAL (KW972)** Adjustable gain and compression.  
Self testing.
- VHF INTERFACE (KW973)** The KW973 will interface directly with the Sailor RT2048 or will accept the received and transmitted audio outputs from a VHF then combine the audio to output to the S-VDR.
- AMI 16GB FIXED CAPSULE (KW999-S)** The capsule will hold a minimum of 12 hours of radar, data and audio.
- FLOAT FREE AVAILABLE FOR THE SVDR (KW999-FF)** The capsule will hold a minimum of 12 hours of radar, data and audio.
- REMOTE ALARM UNIT (KW950-NT)** Audible and visual alarm with acknowledgement button.
- AMI-UPS BATTERY BACKED UPS (KW914-C)** 220/110v AC - 24v DC charging supply up to 2A  
2 x 12v DC batteries providing 24v at max 12A/hr  
Auto switch over on AC fail  
Contact closure on AC fail alarm

