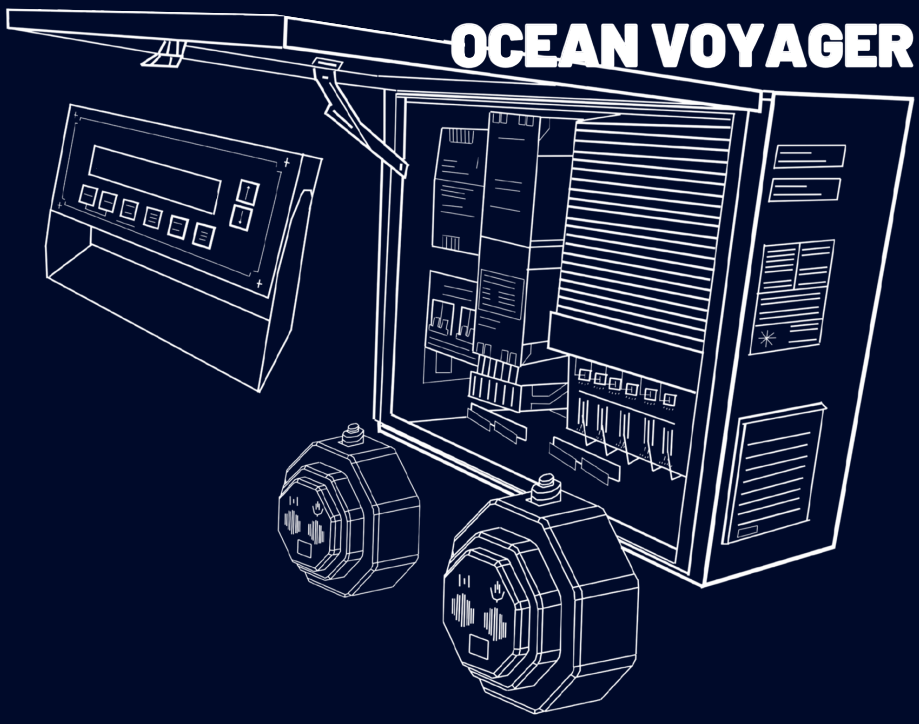
OCEAN VOYAGER



DR-100L
Light Voyage Data Recorder (L-VDR)

Easy to install and maintenance

Flexible and extendible

Comply with the latest standarts

Low hardware cost

High reability and stability

High service quality

DR-100L is the first generation of Ocean Voyager L-VDR product.
It is the easiest L-VDR to install.

The purpose of a Light Voyage Data Recorder (L-VDR) is to maintain a store, in a secure and retrievable form, of information concerning the position, movement, physical status, command and control of a vessel over the period leading up to, and following, an incident having an impact thereon.

DR-100L TECHNICAL SPECIFICATIONS	
Name	Light Voyage Data Recorder (L-VDR) System
Model	DR-100L

Remote Alarm Panel	Monochrome Display, Built-in Speaker, Push Button, Illumination
Model	DR-100L

Sensor Data	Date & Time, Ship's Position, Speed, Heading, Depth, AIS	
Audio Data	Microphone, VHF	
Image Data	Radar / ECDIS	
Recording Time	Solid State Drive	Up to 50 Days Data Recording, 1 TB Capacity
	USB Emergency Backup Disk	Up to 4 Hours Data Recording, 32 GB Capacity
Data Recording Interval	Sensor Data	Depends on the Inpout from Sensor (Normally 1 Seconds)
	Audio Data	Continuous
	Image Data	1 Image / 15 Seconds

Serial Port	IEC61162-1 (38400bps) IEC61162-2 (4800bps)
LAN	IEC61162-450
Microphone Audio Input	6 Ports
VHF Audio Input	2 Ports
Radar / ECDIS Input	UDP or VGA / DVI / HDMI / YPbPr

Data Acquisition Unit	AC 110 - 240V, 10A, 50/60HZ
Remote Alarm Panel	DC 24V
Microphone Units	DC 24V
Ship's Emergency Supply	DC 24V

DR-100L COMPRISES 3 UNITS

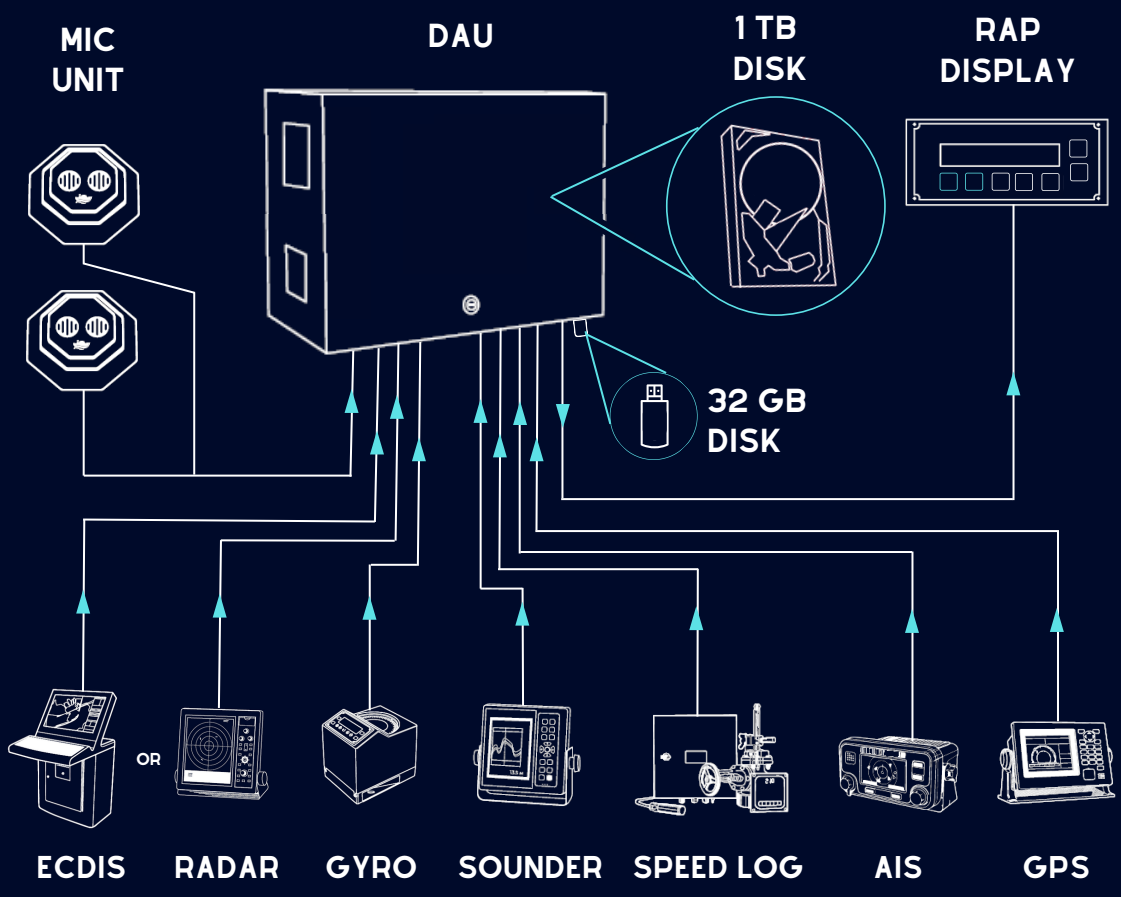
NO	Component	Part	DR-100L	Category
1	Data Acquisition Unit	DR-103	1 Pcs	Protected
2	Remote Alarm Panel	DR-106	1 Pcs	Protected
3	Indoor Microphone Unit	DR-101	2 Pcs	Protected

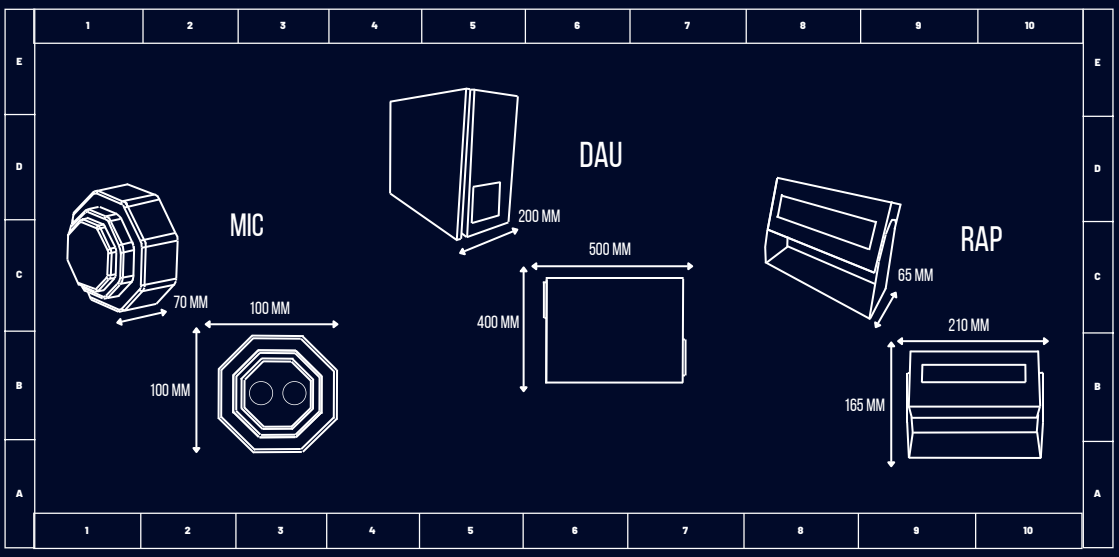
DR-100L ADDITIONAL UNITS

NO	Component	Part	DR-100L	Category
1	Video Interface Unit	RMSD-1105	1 Pcs	Protected
2	Outdoor Microphone Unit	DR-101	2 Pcs	Exposed
3	Resizable Memory Disk	-	-	-

L-VDR APP With New Generation Security and Software

L-VDR app can be used for to view live data, apply configuration changes, download, and display recorded data by connecting a proper computer.





The required ones for L-VDR

- Download data for 4 hours in Emergency Backup Disk
- Recording up to 50 days in Data Acquisition Unit
- Image recording of up to 2 Channels Radar / ECDIS
- Recording of AIS, GPS, Echo Sounder, Gyro and Speed Log NMEA data
- Audio recording up to 6 ch of Bridge Audio
- Audio recording up to 2 ch of VHF Audio
- Live Player software allows for real-time data monitoring as well as data playback with a PC at later time

Information contained in L-VDR shall be made available to both the administration and the shipowner. This information is for use during any subsequent investigation to identify the cause(s) of the incident.

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