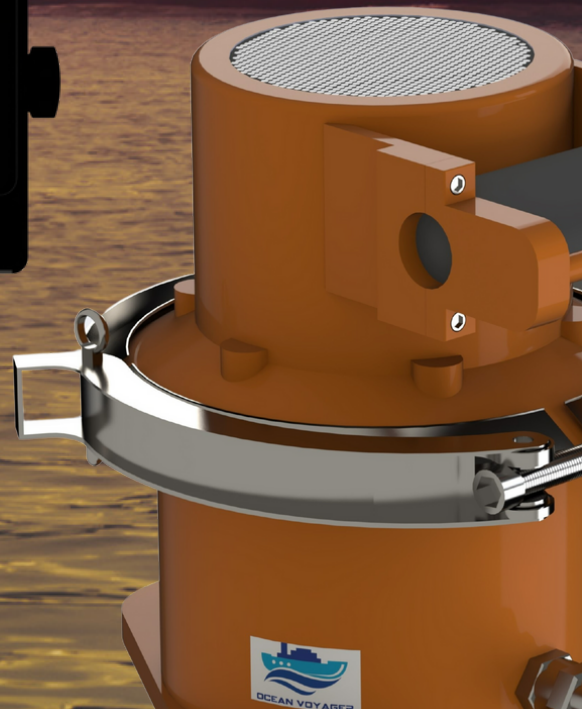
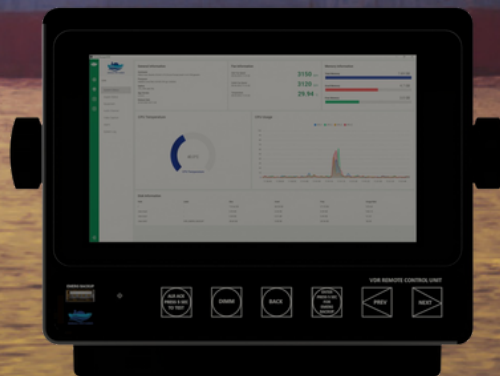


# A PARTNER OF YOUR VOYAGE





# VOYAGE DATA RECORDERS

A Voyage Data Recorder (VDR) is an essential onboard device that records crucial information about a ship's journey. It captures a wide range of data, including navigation details, radar images, bridge conversations, and more. This information is invaluable for analyzing incidents and enhancing maritime safety.

The International Maritime Organization (IMO) made VDRs, including Simplified Voyage Data Recorders (S-VDRs), mandatory in response to maritime accidents that underscored the need for better data recording and analysis capabilities.

VDRs became obligatory under the SOLAS (Safety of Life at Sea) Convention on July 1, 2002, for high-tonnage vessels (above 3,000 gt), including passenger ships, cargo ships, and tankers. S-VDRs are required for vessels manufactured before this date, with this requirement introduced on July 1, 2006, also by the IMO as an amendment to the SOLAS Convention.

## DR-100 | DR-100S | DR-100L

At Ocean Voyager, we take pride in being a leading manufacturer of Voyage Data Recorders (VDRs) in the maritime electronics sector. Our commitment to excellence is evident in the exceptional hardware and software that our VDRs feature, showcasing cutting-edge technology paired with user-friendly applications.

Our primary focus is on ensuring complete compliance with maritime regulations. We offer cost-effective, reliable, and flexible solutions that are designed to meet the stringent requirements of the industry. Our VDR lineup caters to various needs within the maritime community. It includes the DR-100S, DR-100L, and DR-100 models. The DR-100L, while not mandatory, is an option that enhances the capabilities of our VDRs.

The DR-100 and DR-100S models, on the other hand, strictly adhere to regulatory requirements.

When you choose Ocean Voyager VDRs, you're not just investing in quality hardware and compliance; you're experiencing the perfect blend of affordability, superior hardware, adaptability, and exceptional customer support. We are dedicated to providing you with the tools you need to ensure the safety and compliance of your vessels while offering you peace of mind on the open seas.



# FEATURED HIGHLIGHTS

**Easy Installation and Maintenance:** VDR systems is engineered for effortless installation and user-friendly maintenance. You can easily set it up, and routine upkeep is a breeze.

**Flexibility and Expandability:** VDR offers remarkable flexibility, allowing you to adapt and expand its capabilities to suit your evolving needs seamlessly.

**Cost-Effective Hardware:** We provide cost-efficient hardware solutions that don't compromise on quality, ensuring you get exceptional value for your investment.

**Exceptional Reliability and Stability:** Our systems are known for its exceptional reliability and stability, guaranteeing uninterrupted performance in critical maritime operations.

**High-Quality Service:** We take pride in offering top-notch service quality, providing you with the support and assistance you need, when you need it.

**IMO Standards Compliance:** Our system fully complies with the latest IMO standards, meeting the highest industry regulations for safety and performance.

**User-Friendly Interface:** With a user-friendly interface, VDR system is designed for ease of use, ensuring that operators can navigate and utilize it effectively.

**24/7 Remote Technical Support:** We offer round-the-clock remote technical support with connections, so you can resolve any issues promptly, enhancing your operational efficiency.

**Cutting-Edge Software Interface:** Featuring a state-of-the-art software interface, our system provides a modern and efficient user experience.

**Inclusive Spare Parts:** The system comes complete with spare parts, including filters, ensuring that you have the necessary components for maintenance.

**Affordable APT and CoC:** We offer cost-effective solutions for Annual Performance Test (APT) and Certificate of Compliance (CoC), helping you manage your expenses efficiently.

**Reduced Annual Costs through Pre-Remote Control:** Our pre-remote control capabilities help reduce the costs associated with Annual Performance Tests (APT).

**One-Year Guarantee:** We stand behind the quality of our system with a one-year guarantee, providing you with peace of mind regarding its performance and durability.

# EQUIPMENTS

Ocean Voyager VDR systems are known for their precise design and top-notch performance. They excel in safety without making any compromises, thanks to their sleek, space-saving design, carefully chosen materials, and weight-conscious construction.

## ALL IN ONE

DR-101



Microphone Unit  
DR-100 / S / L

DR-103



Data Acquisition Unit  
DR-100L

DR-106



Remote Alarm Panel  
DR-100S / L

DR-102



Data Acquisition Unit  
DR-100S

DR-100



Data Acquisition Unit  
DR-100

DR-212



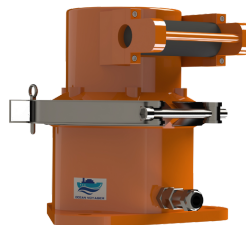
Digital - Analog - Serial  
Unit  
DR-100

OVM-1000



Float Free Capsule  
DR-100 / S

OVM-6000



Fixed  
Protective Capsule  
DR-100 / S

DR-206



Remote Control Unit  
DR-100



# TECHNICAL SPECIFICATIONS

## DR-100

## DR-100S

## DR-100L

Name	DR-100	DR-100S	DR-100L
Recording Time	Voyage Data Recorder DAU - Up to 48 Hours LRU - Up to 30 Days FPC - Up to 48 Hours FFC - Up to 48 Hours	Simplified Voyage Data Recorder DAU - Up to 24 Hours EMG. BACKUP DISK - 4 Hours (at once) FPC - Up to 12 Hours FFC - Up to 12 Hours	Light Voyage Data Recorder DAU - Up to 50 Days EMG. BACKUP DISK - 4 Hours (at once) - -
Serial Inputs	16 Channel	Up to 6 Channel	Up to 6 Channel
Digital Inputs	64 Channel	-	-
Analog Inputs	8 Channel	-	-
Video Inputs	Up to 4 Channel / VGA or UDP	Up to 2 Channel / VGA or UDP	Up to 2 Channel / VGA or UDP
LAN	61162-450	61162-450	61162-450
Microphone Audio Input	10 Channel	6 Channel	6 Channel
VHF Audio Input	2 Channel	2 Channel	2 Channel
Data Acquisition Unit	AC-100 - 240V, 10A, 50/60Hz	AC-100 - 240V, 10A, 50/60Hz	AC-100 - 240V, 10A, 50/60Hz
Fixed Protective Capsule	DC 24V, Supply From DAU	DC 24V, Supply From DAU	-
Float Free Capsule	DC 24V, Supply From DAU	DC 24V, Supply From DAU	-
Remote Alarm Panel / Control Unit	DC 24V, Supply From DAU	DC 24V, Supply From DAU	DC 24V, Supply From DAU
Microphone Units	DC 24V, Supply From DAU	DC 24V, Supply From DAU	DC 24V, Supply From DAU
Ship's Emergency Supply	DC 216 - 33.6V, 13.5A, 50/60Hz	-	DC 216 - 33.6V, 13.5A, 50/60Hz
DAS Module	DC 24V, Supply From DAU	-	-
Type Approval Requirements	SOLAS 74 Reg. V/18, SOLAS 74 Reg. X/3, IMO Res. MSC.36(63)-(1994 HSC Code) 13, IMO Res. MSC.97(73)-(2000 HSC Code) 13	SOLAS 74 REG. V/18, SOLAS 74 REG. X/3, IMO RES. MSC.36(63) - (1994 HSC CODE) 13, IMO RES. MSC.97(73) - (2000 HSC CODE) 13	
Performance Requirements	SOLAS 74 Reg. V/20, IMO Res. A.694(17), IMO Res. MSC.36(63)-(1994 HSC Code) 13, IMO Res. MSC.97(73)-(2000 HSC Code) 13, IMO Res. MSC.191(79), IMO Res. MSC.302(87), IMO Res. MSC.333(90)	2014/90 EU, 2021/1158 EU, SOLAS 74 REG. V/20, IMO RES. A.694(17), IMO RES. MSC.36(63)-(1994 HSC CODE) 13, IMO RES. MSC.97(73)-(2000 HSC CODE) 13, IMO RES. MSC.191(79), IMO RES. MSC.302(87), IMO RES. MSC.333(90)	DR-100L being a non-mandatory option while others adhere to regulatory requirements.
Standarts	EN 60945:2002 Incl. IEC 60945 Corr. 1:2008, EN 61162-1:2016 EN 61162-2:1998, EN 61162-3:2008+A1:2010+A2:2014, EN IEC 61162-450:2018, EN 61196-1:2013+A1:2021, EN IEC 62288:2022, EN IEC 62923-1:2018, EN IEC 62923-2:2018	EN 60945:2002, EN 61162-1:2016, EN 61162-2:1998, EN 61162-450:2018, EN 61196-2:2008, EN 62288:2014, EN IEC 62923-1:2018, EN IEC 62923-2	

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