SEALL ECDIS
DATASHEET

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SEE ALL THERE IS TO SEA

WITH TOUCHSCREEN NAVIGATION

SEALL ECDIS is one of the first systems to include a multi-touch screen interface, changing the way ECDIS is operated and making it one of the simplest ECDIS systems to operate.

By incorporating this touch screen technology into the design, it replaces the need for outdated expensive control panels and input devices like keyboards normally required in other ECDIS systems.

The 24-inch colour display, touch screen and PC is contained within a single panel PC. This operating system is ideal for compact installations.

SEALL ECDIS has been developed with the end-user in mind. It has been designed to include only features required by the end-user, to avoid over-complicating the system. SEALL ECDIS is easy to use and guarantees a seamless transition from other ECDIS systems or paper navigation, helping minimise disruption with day to day operation and any downtime.

Its ease of use also means that training is kept to a minimum. Because of the intuitive nature of the system and the simple interface, the navigation and manipulation of the system is straightforward to understand and use.

However, to ensure users are competent and compliant with regulatory requirements to meet the highest safety standards and understand the full potential of the tool, SEALL ECDIS is shipped with a simple to use, computer-based training application free of charge.

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INSTALLATION

SEALL ECDIS has been type-approved by DNV GL and designed to meet the following standards:

- IEC 61174 Edition 4.0 standards (2015)
- IEC 62288 (2014)
- IEC 61162-1 (2010)
- IEC 60945 (2002)

- IHO S52 Presentation Library Edition 4.0
- IHO S57 Edition 3.1
- IHO S63 Edition 1.2

Installing and setting up the SEALL ECDIS is a fast and simple process. The system automatically detects any sensors that it is connected to including, motion, positioning and heading devices, AIS and ARPA and automatically sets up monitoring functions.

FEATURES:

24" Multipoint Touch Screen
Windows 7
i7 Processor 2.0 GHz
150 GB Solid State HD
4GB RAM
AC & DC Power Supply
External COM Module Available for Additional Ports
External Keyboard and Mouse Available

DATA INPUT:

4 x 422/485 Serial Connections
2 x LAN Connections
4 x USB Connections

Can connect to sensors through:
Direct Serial Connections seperately
Multiplexed Connection down single Serial
Multiplexed on a Single LAN through Bridge Network
Through external COM module via USB Port
Sensors Input: GNS, LOG, GYRO , AIS, ARPA, ECHO SOUNDER

OPTIONAL ACCESSORIES:

- Plinth
- Mounting Feet
- Expansion Box
- USB Extension

DATA OUTPUT:

- VDR, BAMS (Bridge Alert Management System)
- BNWAS (Bridge Navigational Watch Alarm System

POWER:

- 1 x AC Supply
- 2 x DC Supply for the Vessel 24V Backup Supply
- Can both be connected for fail-over

TESTING/APPROVED TO STANDARDS:

The hardware has been tested / type-approved by the following classification societies:

Regulation (EU) 2018/773
No. MED/4.30. SOLAS 74 as amended
Regulations V/18, V/19 & X/3
IMO Res. A.694(17)
IMO Res. MSC.36(63)
IMO Res. MSC.97(73)

IMO Res. MSC191(79)
IMO Res. MSC 232(82)
IMO Res. MSC 302(87)
IMO MSC.1/Circ.1503

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