



DATASHEET

# ECDIS - T21

Touchscreen navigation



The SEALL ECDIS is one of the first marine software 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 on the market.

- The 24-inch colour display, touch screen and PC are contained within a single panel PC
- Ideal for compact installations
- Developed with the end-user in mind
- Designed to include only features required by the end-user, to avoid over-complicating the system
- Easy to use and guarantees a seamless transition from other ECDIS systems or paper navigation
- Minimise disruption with day to day operation and any downtime
- Requires a minimal amount of training
- Competent and compliant with regulatory requirements in mind to meet the highest safety standards
- **FREE** computer-based training application included with printable certification at no cost

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.

Smart intuitive functionality ensures Installing and setting up the SEALL ECDIS is a **FAST** and **SIMPLE** process.

SEALL is a technology company which pushes innovation to provide smart user friendly effective technology to improve safety, environment and compliance within the marine sector.

Now powering over  
**29,000**  
licensed products globally.

We offer you our professional services to integrate or help with the integration of our Kernel with your solution.

Find out more by visiting **seallecdis.com**



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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

## OPTIONAL ACCESSORIES:

Plinth

Mounting Feet

Expansion Box

USB Extension

## POWER:

1 x AC Supply

2 x DC Supply for the Vessel 24V Backup Supply

Can both be connected for fail-over

## DATA INPUT:

4 x 422/485 Serial Connections

2 x LAN Connections

4 x USB Connections

### Can connect to sensors through:

Direct Serial Connections separately

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

## DATA OUTPUT:

VDR, BAMS (Bridge Alert Management System)

BNWAS (Bridge Navigational Watch Alarm System)

## TESTING/APPROVED TO STANDARDS:

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

- No. MED/4.30. SOLAS 74 as amended
- IMO Res. MSC.97(73)
- IMO Res. MSC191(79)
- Regulations V/18, V/19 & X/3
- IMO Res. MSC 232(82)
- IMO Res. MSC 302(87)
- IMO Res. MSC.36(63)
- IMO MSC.1/Circ.1503