

## Simrad ECDIS900 MK5A

The Simrad ECDIS900 MK5A is an IMO-type approved navigation system, designed for use aboard SOLAS vessels subject to ECDIS carriage mandates such as merchant cargo ships and tankers. Easy to use with a standard Windows PC interface, the ECDIS900 delivers precise navigation with comprehensive route planning and optimisation tools, integrated chart management and ordering, universal radar overlay, and optional highly customisable conning display.



### Easy To Use

Easy to use with standard Windows PC interface with a keyboard and trackball controls. 24- or 27-inch flatpanel monitor and standard PC.

### Precise Navigation

Precise navigation tools including Position Prediction and Docking Assistance with Universal Radar Overlay.

### Advance Route Panning

Advanced route planning and optimisation tools, with special-purpose modules including SAR planning.

### Integrated Chart Management

Fully integrated chart management with online ordering and updates. Supports ENC's (PRIMAR, IC-ENC, UKHO AVCS), UKHO ARCS, C-MAP Professional+ Charts and (AIO) Admiralty Information Overlay.

### Integrated Systems

Integration with BNWAS, Navtex, AIS, Autopilot and Central Alarm systems.

### Choose Your Way

Choose between S-52 and INT1 chart presentation, dual- or triple-station PLECDIS options for paperless navigation. Optional conning display software with user-customisable pages.

Technical specifications overleaf.



# Technical Specifications

▶ DISPLAY	
Display Resolution	24" Display: 1920 x 1080 pixels, 27" Display: 1920x1080 pixels
Display Type	24" Display: TFT LCD with LED backlight, 27" Display: TFT LCD Active Matrix Panel
Display Brightness	24" Display: 300 cd/m2 27" Display: 300 cd/m2
Display Viewable Width	24" 532mm, 27" 597 mm
Display Viewable Height	24" 299mm, 27" 336 mm
Display Size (Diagonal)	24" 610mm, 27" 685 mm
▶ TECHNICAL / ENVIRONMENTAL	
Operating Temperature	PC: -15°C to +55°C Display: -15°C to +55°C
Waterproof rating	Display: IP66 (Front), IP22 (Rear)
Product Width	PC: 220 mm / 8.66" 24" Display: 625 mm / 24.6" 27" Display: 646.5 mm / 25.4"
Product Depth	PC: 300 mm / 11.81" 24" Display: 88mm / 23.5" 27" Display: 88 mm / 3.5"
Product Height	PC: 89 mm / 3.5" 24" Display: 386mm / 15.2" 27" Display: 420 mm / 16.5"
Product Weight	PC: 3.7 kg 24" Display: 6.6 kg 27" Display: 9.0 kg
▶ POWER	
Power Supply	PC: 100-249 VAC – 50/60 Hz, 24 V DC Display: 12V / 24V DC (9-31.2V)
Power Consumption	PC: 39 W (Typical), 50W (Max) Display: 30W
▶ CONNECTIVITY	
NMEA0183 & RS422	4 ports
Network	4 x Ethernet
USB	4 x USB 2.0, 4 x USB 3.0

▶ PART NUMBER	
000-12553-002	Simrad ECDIS900 MK5A W/ M5024
000-12557-002	Simrad PLECDIS900 MK5A W/ M5024I
000-13708-002	Simrad ECDIS900 MK5A W/ M5027
000-13709-002	Simrad PLECDIS900 MK5A W/ M5027
000-15435-001	Simrad ECDIS900 MK5A UPGRADE KIT

Note: Specifications are subject to change without notice.