SIMRAD®

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 ENCs (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/ M5024l
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.