



Simrad MARIS ECDIS900 MK5

Simrad MARIS ECDIS900 MK15

The Simrad MARIS ECDIS900 MK5/MK15 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.



▶ MARIS ECDIS900 MK5

Main Features

- 24- or 26-inch flat panel monitor and standard PC [MK5 only]
- 24-inch flat panel display with integrated PC [MK15 only]
- Standard Windows interface with keyboard and trackball controls
- Advanced route planning and optimisation tools, with special-purpose modules including SAR planning
- Precise navigation tools including position prediction and docking assistance
- Universal radar overlay
- Integrated chart management with online ordering and updates
- Supports ENC's (PRIMAR, IC-ENC, UKHO AVCS), UKHO ARCS, Jeppesen Professional+ charts, AIO (Admiralty Information Overlay)
- Choose between S-52 and INT1 chart presentation
- Dual- or triple-station PLECDIS options for paperless navigation
- Integration with BNWAS, Navtex, AIS, Autopilot, and Central Alarm system
- Optional conning display software with user-customisable pages



▶ MARIS ECDIS900 MK15

Technical specifications overleaf.



Technical Specifications

MK5

▶ DISPLAY	
Display Resolution	24" Display: 1920 x 1080 pixels, 26" Display: 1920 x 1200 pixels
Display Type	24" Display: TFT LCD with LED backlight, 26" Display: TFT LCD with CCFL backlight
Display Brightness	24" Display: 300 cd/m ² , 26" Display: 350 cd/m ²
Display Viewable Width	24" Display: 532 mm, 26" Display: 550 mm
Display Viewable Height	24" Display: 299 mm, 26" Display: 343 mm
Display Size (Diagonal)	24" Display: 610 mm, 26" Display: 660 mm
▶ TECHNICAL/ENVIRONMENTAL	
Operating Temperature	PC: -5°C to +35°C / 41°F to 95°F, Display: -15°C to +55°C / 5°F to 131°F
Waterproof rating	Display: IP66 (Front), IP22 (Rear)
Product Width	PC: 93 mm / 3.7", 24" Display: 593 mm / 23.4", 26" Display: 621 mm / 24.5"
Product Depth	PC: 312 mm / 12.3", 24" Display: 70mm / 2.8", 26" Display: 97.7 mm / 3.9"
Product Height	PC: 290 mm / 11.4", 24" Display: 384mm / 15.1", 26" Display: 435 mm / 17.1"
Product Weight	PC: 6 kg / 13.2 lb, 24" Display: 11 kg / 24.1 lb, 26" Display: 16.2 kg / 35.6 lb
▶ POWER	
Power Supply	PC: 100-240 V AC – 50-60 Hz, Display: 115/230 V AC – 50/60 Hz, 24 V DC
Power Consumption	PC: 315 W (Typical), 24" Display: 40 W (Typical), 125 W (Max), 26" Display: 125 W (Max)
▶ CONNECTIVITY	
NMEA0183 & RS422	4 ports
Network	5 x Ethernet
USB	2 x USB 2.0, 2 x USB 3.0

MK15

▶ DISPLAY	
Display Resolution	1920 x 1080 pixels
Display Type	TFT active-matrix LCD with LED backlight
Display Brightness	300 cd/m ²
Display Viewable Width	532 mm / 20.9"
Display Viewable Height	299 mm / 11.8"
Display Size (Diagonal)	610 mm / 24"
▶ TECHNICAL/ENVIRONMENTAL	
Operating Temperature	-5°C to +55°C / 23°F to 131°F
Waterproof rating	IP66 (Front), IP22 (Rear)
Product Width	593 mm / 23.4"
Product Depth	76.4mm / 3.0"
Product Height	384 mm / 15.1"
Product Weight	11.2 kg / 24.6 lb
▶ POWER	
Power Supply	115/230 V AC – 50/60 Hz, 24 V DC
Power Consumption	50 W (Typical), 125 W (Max)
▶ CONNECTIVITY	
NMEA0183 & RS422	4 ports
Network	2x Ethernet
USB	4 x USB 2.0

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