



NSS evo3 Multifunction Displays

NSS7/9/12/16 evo3



Well suited to non-IMO applications aboard coastal fishing vessels and workboats, Simrad NSS evo3 series multifunction displays combine a touchscreen chartplotter with built-in GPS/GLONASS receiver, StructureScan® sonar imaging, CHIRP-enabled broadband sonar, and comprehensive expansion capabilities. Functional as independent displays or as part of a vessel-wide distributed display system, NSS evo3 units are available in a range of sizes and configurations to suit any vessel type and requirements.

SolarMax™ HD Displays

SolarMAX™ HD touchscreen displays deliver high resolution and superb colour accuracy for crisp, vibrant images. Wide viewing angles, high-brightness LED backlighting, a wide operating temperature range, and moisture-proof optical bonding ensure clear visibility in all conditions. Easily adjust your view with intuitive software control, and get hands-on with protective coatings designed for ruggedness in tough marine conditions.

NSS7 & NSS9 evo3 with Integrated Echosounder

Excellent secondary displays in a multi-display system, or primary displays on smaller vessels where limited mounting space is available, the 7- and 9-inch NSS evo3 feature integrated StructureScan sonar imaging and broadband echosounder with CHIRP technology.

NSS12 & NSS16 evo3 with Integrated Echosounder & HDMI

Ideal as main helm displays, the 12- and 16-inch NSS evo3 each feature a high-definition display panel to present charts, echosounder returns, and other crucial information in the greatest possible detail. These models also include an HDMI output to drive an optional secondary monitor mirroring the built-in display – perfect for dual-helm installations or to duplicate the display at another bridge station. Like their 7- and 9-inch counterparts, these models include integrated StructureScan sonar imaging and broadband sounder with CHIRP.

Technical specifications overleaf.



Main Features

- 7-inch 1024x600 (12:7) multi-touch display (NSS7)
- 9-inch 1280x720 (16:9) multi-touch display (NSS9)
- 12-inch 1280x800 (16:10) HD multi-touch display (NSS12)
- 16-inch 1920x1080 (16:9) HD multi-touch display (NSS16)
- Embedded high-gain 10Hz GPS/GLONASS receiver
- Customisable display panels to suit any vessel and task
- Multi-touch screen and keypad/rotary dial for precise, reliable control in all conditions
- Built-in CHIRP-enabled broadband sounder, StructureScan[®], and ForwardScan[®] sonar support
- Bridge Control simplifies management of multiple displays and helm stations
- Full autopilot integration capability
- GoFree™ wireless software updates, chart downloads, and smartphone/tablet integration (with built-in WiFi)
- HDMI video output for optional secondary display (NSS12, NSS16)



Technical Specifications

OVERVIEW	
Display Size	7/9/12/16-inch widescreen
Screen Brightness	1200cd/m2
Networking Capability	NSS12 evo3, NSS16 evo3: 1x NMEA0183 (shared with video input port), 1x NMEA2000, 2x Ethernet NSS7 evo3/NSS9 evo3: 1x NMEA0183 (shared with video input port), 1x NMEA2000, 1x Ethernet
Video Integration	NSS16 evo3: 2x Composite video inputs (NTSC & PAL), 1x HDMI output (Supported resolution: 1366 x 768) NSS12 evo3: 2x Composite video inputs (NTSC & PAL), 1x HDMI output (Supported resolution: 1280 x 720) NSS7 evo3/NSS9 evo3: 2x Composite video inputs (NTSC & PAL)
GPS NAVIGATION	
GPS Antenna Type	Embedded 10Hz High Gain GPS/GLONASS
DISPLAY	
Display Resolution [pixels & pixels]	NSS7 evo3: 1024 x 600 NSS9 evo3: 1280 x 720 NSS12 evo3: 1280 x 800 NSS16 evo3: 1920 x 1080
Display Type	7/9/12/16-inch SolarMax™ HD Colour IPS LCD with LED backlight
TECHNICAL/ENVIRONMENTAL	
Operating Temperature	-15°C to +55°C (5°F to 131°F)
Waterproof Standard/ Rating	IPX7
Product Width	NSS7m evo3, NSS7 evo3: 239mm / 9.41" NSS9m evo3, NSS9 evo3: 287mm / 11.3" NSS12 evo3: 352mm / 13.85" NSS16 evo3: 437mm / 17.2"

Product Depth	NSS7 evo3, NSS9 evo3: 70mm / 2.75" NSS12 evo3: 78mm / 3.07" NSS16 evo3: 81mm / 3.2"
Product Height	NSS7 evo3: 150mm / 5.9" NSS9 evo3: 166mm / 6.55" NSS12 evo3: 225mm / 8.87" NSS16 evo3: 257mm / 10.1"
Product Weight	NSS7 evo3: [TBD] NSS9 evo3: [TBD] NSS12 evo3: [TBD] NSS16 evo3: [TBD]
POWER	
Power Supply (Supply Voltage)	9-32V DC
OTHER	
Languages	English (US), English(UK), French, German, Italian, Spanish, Danish, Dutch, Finnish, Greek, Icelandic, Norwegian, Portuguese, Swedish, Chinese, Japanese, Korean, Thai, Bulgarian, Hebrew, Hungarian, Latvian, Lithuanian, Polish, Slovak, Turkish, Russian, Ukrainian, Arabic, Farsi
Other Features	Dual microSD chart card slots. Storage for 10,000 waypoints/route points (total combined).



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Product images and specs are correct at time of print and are subject to change

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