

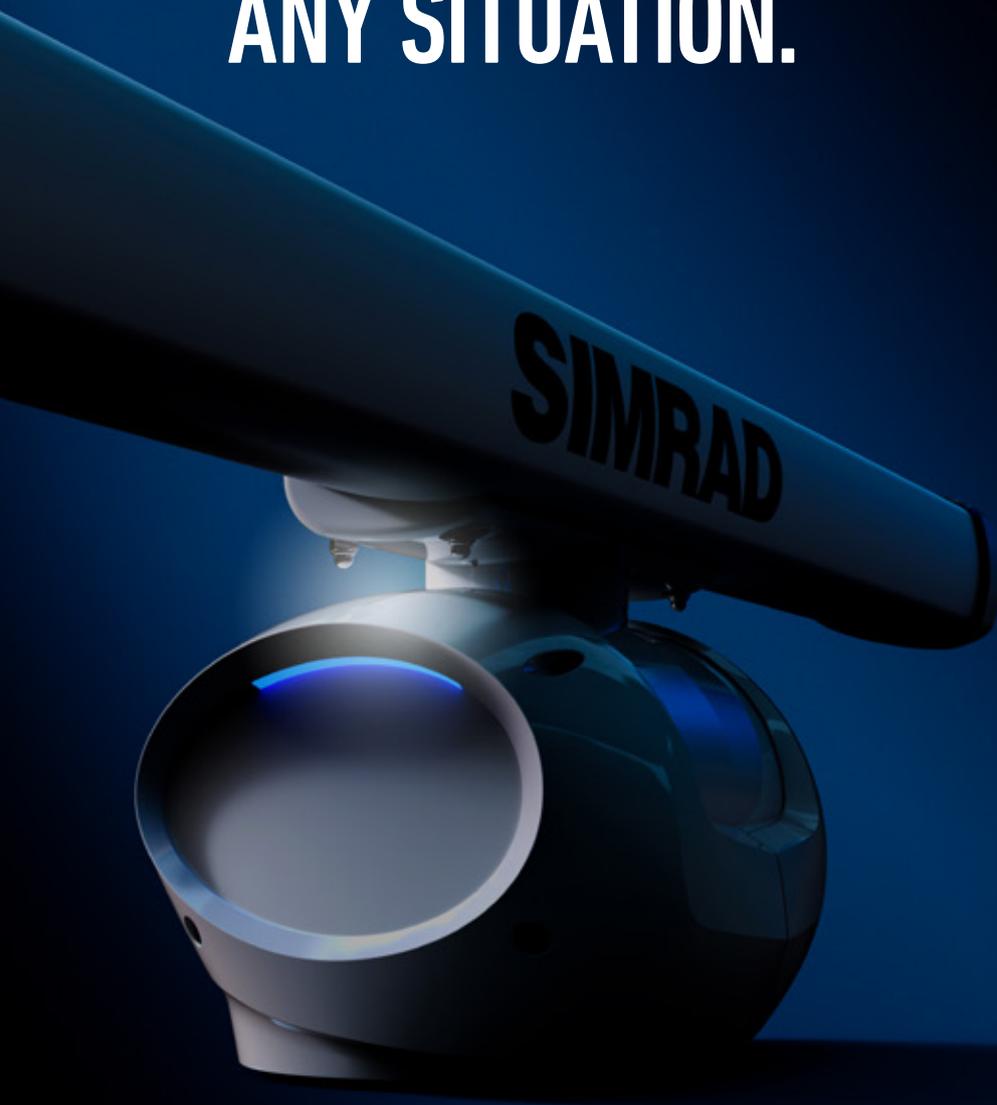
The SIMRAD logo is positioned in the top right corner of the page. It consists of the word "SIMRAD" in a bold, white, sans-serif font, centered within a solid red rectangular background.

**SIMRAD**

MARINE ELECTRONICS FOR  
**POWERBOATS AND SPORTFISHING**

2020

**WE CREATE HIGH PERFORMANCE  
MARINE ELECTRONICS THAT  
CAN BE COUNTED ON IN  
ANY SITUATION.**



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**THE  
CONNECTED  
WORLD OF SIMRAD**

# INTEGRATED ELECTRONICS SYSTEMS

## CONNECTED WORLD

We live in a connected world. From our homes, to our cars, to our boats, we're surrounded by technology designed to help us achieve more, with greater ease, and in greater safety. Our connected vessel concept brings all of your on-board technologies and on-line services together behind a simple, intuitive interface. Monitor and control every aspect of your on-water experience from a variety of customisable Simrad multifunction displays.



### HALO™ RADAR

See both near and far with an unprecedented mix of close and long-range detection.



### AUTOPILOT

Award-winning, ocean-proven Autopilot systems to suit any size and type of vessel.

AIS

### AIS

Reduce the risk of collision with this see and be seen technology.



### ENGINE DATA

Display real time engine data on your Simrad Multifunction Display from your NMEA2000® compatible engine such as Fuel Flow, Engine Temperature, RPM and Battery Voltage.



### ECHOSOUNDER MODULES

Innovative Sonar Technologies designed for every requirement.



### SONICHUB®2

Bring your music on board with Bluetooth® streaming, AM/FM radio, and full Simrad Multifunction Display integration.



### INSTRUMENTS

Flexible display units for vital data, including depth, boat speed, wind speed, and more.

GPS

### HIGH SPEED GPS

Incredible position accuracy, however fast or slow you go.



### DSC-VHF

Versatile and rugged, with everything you need to communicate with other vessels, the shore and even individuals on board.



### WIFI

View your Multifunction Display with your Smartphone, or take control with your Tablet, from anywhere on board.



### INDUSTRY WIDE INTEGRATION

Automate your onboard electronics and turn your vessel into a smart boat with integration from key industry partners.



# GLASS BRIDGE NAVIGATION

## NSO EVO3S

Build your ultimate navigation system around the new NSO Evo3S.



Complete your ideal boat setup with the ultimate navigation system. The new **NSO EVO3S** gives you **2x faster page changes and smoother transitions\*** delivered through the new iMX 8 high-performance processor. The Full HD display gives you stunning clarity, with total control of your on-board electronics.

**Our flagship NSO EVO3S** delivers the ultimate view with an ultra-bright display, available in 16, 19, or 24-inch widescreen sizes. Wide viewing angles keep the screen in view from anywhere in sight, while Full HD resolution lets you see more than ever with up to six panels displayed simultaneously in a split-screen layout.

\*When compared to the NSO Evo3.



## MAIN FEATURES

iMX 8 Integrated six-core processor for superior performance

Ultra-bright, Full HD 16, 19, or 24-inch display

Easy touchscreen control of your entire Simrad system

1200-nit high-brightness, sunlight-viewable screen

Low-profile glass bridge styling

See more than ever with six-panel split screen option

Connect with smartphones, tablets, and Internet hotspots

Widescreen Full HD monitor support

Integrates with the full range of Simrad radar solutions, S5100 sonar module, SonarHub with StructureScan® HD imaging, ForwardScan® sonar, and much more

OP50 keypad & rotary controller option

Compatible with C-MAP Easy Routing™ and Navionics Dock-to-dock Autorouting™\*

\*Subscription maybe required. Please visit [navionics.com](http://navionics.com) for details.

16"

19"

24"



**Pinch-to-zoom  
with multi touch**

Simrad NSO evo3 is available in 3 sizes:  
16-inch, 19-inch, and 24-inch



# GLASS BRIDGE NAVIGATION

## NSS EVO3

The Simrad NSS evo3 breakthrough touchscreen and keypad control.



Navigate, take control, and enjoy an unprecedented level of built-in functionality with the easy to use **NSS evo3**. **SolarMAX™ HD** display technology offers exceptional clarity and ultra-wide viewing angles, combined with an all-weather touchscreen and expanded keypad for total control in all conditions. Find your way with an integrated high-speed GPS antenna and a wide range of

cartography options to suit any locale. Cruise confidently with **ForwardScan sonar**, or fish easier with **StructureScan®** HD imaging and Broadband Sounder™ technology. Built-in Wi-Fi enables access to online services, and delivers smartphone and tablet integration to extend your display's reach well beyond the helm.



## MAIN FEATURES

Widescreen SolarMax™ HD display

Reliable control in all conditions: switch seamlessly between multi-touch and a full keypad with rotary dial

Advanced fishfinding capability built-in supporting dual channel CHIRP transducers

Add StructureScan® 3D imaging, advanced Broadband Sounder™ capabilities and more via Simrad modules

Expand your view with Halo™ Pulse Compression radar, HALO™ Dome Radar, and other Simrad radar solutions

Take complete control of Simrad autopilot systems with the NSS evo3 touchscreen or keypad

NMEA 2000® connectivity enables integrated engine monitoring, sound system control, and much more

Navigate accurately with an embedded high-gain 10 Hz GPS/GLONASS receiver

Enjoy easier trip planning with TripIntel™ technology and support for Navionics Dock-to-dock Autorouting™\*/C-MAP Easy Routing™

Built-in Wi-Fi enables online features, smartphone monitoring and tablet control

Choose flush-mount installation for a low-profile Glass Bridge look, or bracket-mount to install almost anywhere

\*Subscription maybe required. Please visit [navionics.com](http://navionics.com) for details.

### SOLARMAX™ HD

Features ultra-bright LED backlighting and advanced anti-reflective coatings to maximise visibility under any lighting conditions. Enjoy a clear view from almost any angle, even if you're wearing polarised sunglasses.

Superior colour accuracy, high-resolution, wide operating temperature range, condensation-free design, and protective coatings all add to a quality display that's able to deliver the best views while withstanding the most rugged of marine conditions.



**Pinch-to-zoom  
with multi touch**

7"

9"

12"

16"

Simrad NSS evo3 multifunction displays are available in four screen sizes: 7-inch, 9-inch, 12-inch and 16-inch.

# NAVIGATION DISPLAYS

## GO SERIES

The Simrad Go Series, a perfect fit for compact sportboats and dayboats.

**The Simrad GO chartplotter** navigation display is a perfect way to expand the capabilities of sportboats, cruisers, and smaller centre consoles. Behind a super-bright display with easy to use touch interface lies a chartplotter with built-in GPS receiver and wireless access to the latest charts and updates.

**Control** your onboard sound system, and choose from an array of built-in sonar technologies: cruise with confidence using ForwardScan™ forward-looking sonar, or find fish like a pro with Broadband Sounder™ CHIRP sonar plus Active Imaging™ Sonar.

### EXPAND YOUR VIEW WITH RADAR

Simrad **G07, G09 and G012** are all full-featured radar displays with plug-and-play connectivity to Simrad Halo™ dome, and Halo™ open array radar.

Cruise confidently through crowded harbours, navigate safely in poor visibility, keep an eye on distant weather cells, and find flocks of feeding birds that hint at good fishing spots.

Automatic tuning helps to provide a clear radar picture in any conditions, while radar overlay combines radar data with navigational charts for an easy-to-interpret view of your surroundings.



**Pinch-to-zoom  
with multi touch**



Simrad GO series multifunction displays are available in 4 sizes: 5-inch, 7-inch, 9-inch and 12-inch.



## MAIN FEATURES

Easy to use multi-touch interface

Full-featured chartplotter with the widest available cartography support

Plan smarter with TripIntel™ technology

Support for Navionics Dock-to-dock Autorouting™\* and C-MAP Easy Routing™

Flush or bracket mount display

Widescreen with bright LED backlight

High-speed 10 Hz GPS receiver

Built-in Broadband Sounder™, CHIRP sonar, Active Imaging™ or ForwardScan™ sonar support (transducer required)

Built-in wireless connectivity

NMEA 2000® compatible

Radar display for Simrad Halo™ dome, and Halo™ open array radar (Excludes G05)

Dual microSD card slots (G09 and G012 only)

\*Subscription maybe required. Please visit [navionics.com](http://navionics.com) for details.



# NAVIGATION DISPLAYS

## SIMRAD CRUISE

Simrad Cruise is the most uncomplicated chartplotter available.

Everything you need for simple and straightforward **GPS navigation** is right inside the box – sunlight viewable display with mounting bracket and a sonar transducer. Simrad Cruise can display charts, navigation and sonar in

split-screen view, or separately in full screen. Rotary dial and keypad controls make navigating through menus, creating routes and accessing temperature, speed, depth readings and battery voltage effortless.

### MAIN FEATURES

Cruise confidently with simple menus plus easy-to-use rotary dial and keypad controls

Always know where you are and where you are going with pre-loaded US Coastal map or worldwide basemap, plus C-MAP® and Navionics® upgrade options

Track the day's boating activity with Simrad® Triptel™ technology

Keep important data in view with pre-selected split screens

CHIRP sonar with excellent automatic depth tracking

Monitor depth readings, position, battery voltage and other critical boat information

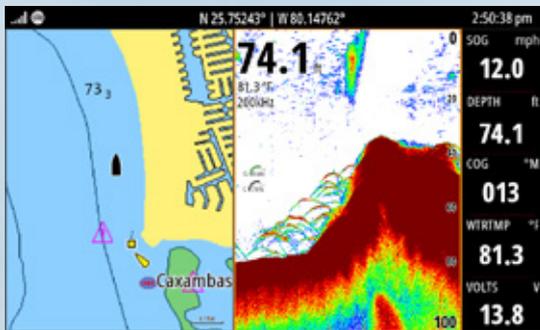


## SIMRAD CRUISE SCREENSHOTS

Know where you are and where you are going! **Simrad Cruise** comes complete with all the charts you need to enjoy your day on the water. Choose from a wide range of enhanced charts from **C-MAP®** or **Navionics®** to get more detail.



See the details you want the way you want them! Simrad Cruise offers both **full and split-screen views**, so you can easily display the information you need. Plotting your course? Select full screen charts for a maximum view of your surroundings.



Simrad Cruise gives you access to the information you need for a safe and enjoyable time on the water. Depth readings, position, battery voltage and other critical boat information, can all be monitored on your screen for quick reference and situational awareness.



# HALO RADAR

## HALO™ OPEN ARRAY RADAR

The revolutionary Simrad Halo™ radar makes it easier than ever to navigate safely, keep an eye on the weather, and find flocks of birds that mark the best waters to fish.



### MAIN FEATURES

Up to 72NM working range

Beam Sharpening with Target Separation Control

Dual range operation

Advanced signal processing with Custom, Harbour, Offshore, Weather, and Bird mode

High-speed 48RPM operation

InstantOn™, ready in 16-25 seconds from power-on, instant from standby

MARPA target tracking, up to 10 targets (20 with dual range)

Low electromagnetic emissions and radiation

Low power consumption with 12/24V operation

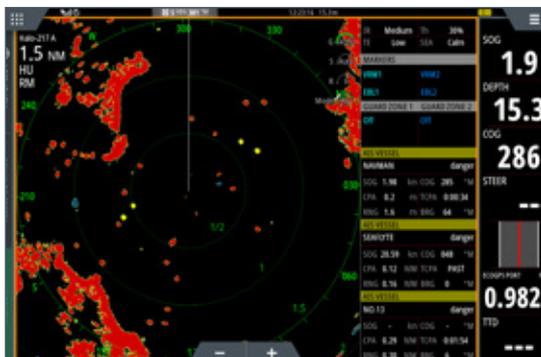
VelocityTrack™ Doppler - Motion Tracking

### HALO RADAR RANGE INDICATOR

	SHORT	SHORT-MEDIUM	MEDIUM	MEDIUM-LONG	LONG
	0 — 0.1 KM (0 — 600 ft)	0.1KM — 2 KM (600 ft — 1 NM)	2-20 KM (1 — 11 NM)	20 — 88 KM (11 — 48 NM)	>100 KM (>64 NM)
6kW PULSE	[Bar chart showing range coverage for 6kW PULSE mode]				
HALO DOME	[Bar chart showing range coverage for HALO DOME mode]				
HALO OPEN ARRAY	[Bar chart showing range coverage for HALO OPEN ARRAY mode]				

## HALO RADAR SCREENSHOTS

**Solid-state Pulse Compression technology** lets you see both near and far at the same time, on a single screen, from a single Halo™ Radar array.



**VelocityTrack™** enables easy identification of approaching obstacles, helping you to avoid dangerous and costly on-water collisions. Targets are highlighted, delivering information about the motion of targets from the very first radar sweep.

See closer than 90 metres (300 feet) on one side of the screen, and as far as **64 nautical miles** on the other. Halo™ Radar truly functions as two independent radar systems in one, with no performance compromises at either selected range.



For offshore sportfishing enthusiasts and commercial fishers, birds mean fish. Halo™ Radar's dedicated **Bird mode** makes it easy to locate feeding flocks from miles away, without introducing the distraction of high-gain screen clutter.

# HALO

# HALO RADAR

## HALO24 RADAR

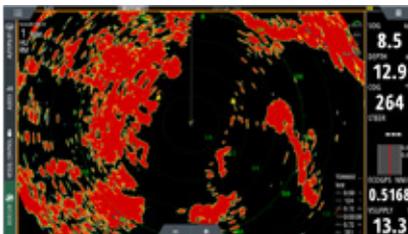
The ultimate view for collision avoidance.

Simrad **HALO24** revolutionizes radar by offering an almost real-time view, with industry-first 60 RPM operation at close range for the ultimate in collision avoidance.

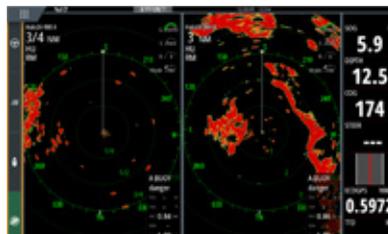
Identify hazards in an instant with VelocityTrack™ Doppler technology, and enjoy simultaneous short and long-range coverage up to 48 nautical miles from one compact 24-inch dome antenna.



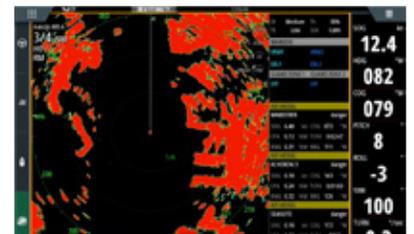
### HALO24 RADAR SCREENSHOTS



Combining VelocityTrack™ with Halo's Superior Azimuth & Range Resolution.



No trade off in target detection when using dual range, which helps maintain situational awareness.



A faster rotation speed allows a faster refresh of targets in the PPI (radar screen).

## HALO20+ RADAR

**HALO20+** radar delivers a full 360-degree sweep every second, at ranges up to 1.5 nautical miles. These ultra-fast updates give boaters an almost real-time view at close range - offering the ultimate view for collision avoidance of fast-moving targets.

Ideal for a wide range of coastal bay boats, HALO20+ comes in a compact dome antenna and delivers high-quality short-, mid- and long-range detection. Boaters can monitor two distance ranges at once in Dual Range mode allowing them to keep an eye on distant weather cells, while watching for collision hazards nearby. HALO20+ radar's pulse compression technology means no compromises in detection at either selected range, while beam sharpening provides enhanced separation between small or distant targets.

### MAIN FEATURES

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36 nm range from a compact 20-inch dome

---

Advanced pulse compression technology with beam sharpening

---

Simultaneous Dual Range operation sees both near and far

---

Ultra-fast 60 RPM operation at ranges up to 1.5 nm

---

VelocityTrack™ Doppler technology for collision avoidance

---

Easy operation with Harbour, Offshore, Weather and Bird modes

---

MARPA target tracking (up to 10 targets, 20 in dual range)

---

Ready instantly from standby



## HALO20 RADAR

**HALO20** is a cost-effective solution for boaters to increase situational awareness and collision avoidance, detecting collision hazards and other targets nearby and up to 24 nautical miles away. With its small footprint and low profile, HALO20 is the perfect radar solution for more budget-conscious buyers with smaller sportfishing vessels and dayboats.

HALO20 radar also delivers a comprehensive range of features to enhance your situational awareness and on-water safety. Boaters can monitor selected collision hazards with MARPA target tracking, tracking up to 10 targets. Whether navigating through crowded waterways or contending with poor visibility, HALO20 radar cuts through the clutter to give boaters a clear and current picture of their surroundings.

### MAIN FEATURES

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10W Pulse Compression

---

24 nm range from a compact 20-inch dome

---

Unrivaled short range

---

Easy operation with Harbour, Offshore and Weather mode

---

MARPA target tracking

---

InstantOn™

---

Low Power Consumption

---

Guard Zones



# RADAR DISPLAYS

## R2009 AND R3016

The Simrad R2009 and R3016 are dedicated radar control units, compatible with a range of Simrad radar solutions including Halo™ Dome, Halo™ Open Array and HD Digital Radar.

### R2009 DEDICATED RADAR CONTROL UNIT

The **R2009** is a dedicated Radar Control Unit with integrated 9-inch portrait display, compatible with a range of Simrad radar solutions including Halo™ Pulse Compression, Broadband 3G™/4G™, and HD Digital Radar.



### R3016 DEDICATED RADAR CONTROL UNIT

The **R3016** is a dedicated control unit for Simrad radar systems and features an integrated 16-inch widescreen display. An ideal safety and navigation accessory for offshore cruisers and sportfishing vessels, the R3016 offers versatile flush or bracket-mount installation options and intuitive keypad-based operation for reliable control in all conditions.

### R2009 AND R3016 MAIN FEATURES

R2009 & R3016 are compatible with Simrad Halo™ Pulse Compression, Halo™ Dome and HD Digital Radar systems

Dedicated radar control unit and Automatic tuning system

Anti-sea-clutter technology for an optimum picture under adverse weather conditions

MARPA target tracking

Keypad and rotary-dial interface with 8 direct-access menu keys

HDMI output for an optional secondary display or remotely-operated 'clone' station (R3016 only)

Bracket and flush-mount installation options

Ethernet, NMEA 0183 & NMEA 2000 connectivity

9-inch portrait display (R2009) or 16-inch HD widescreen display (R3016)



# DEDICATED DISPLAYS

## S2009 / S2016 ECHOSOUNDERS

The Simrad S2000-Series fishfinder combines maximum vertical detail and intuitive keypad-driven operation for reliable control in all conditions.



### S2009 DEDICATED ECHOSOUNDER CONTROL UNIT

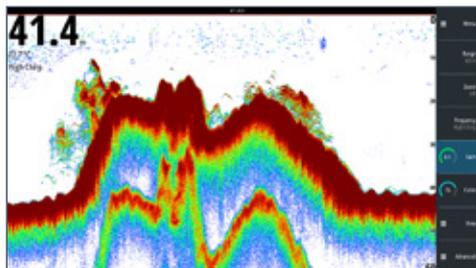
The **S2009** fishfinder combines a single-channel Broadband Sounder™ module with CHIRP technology, 9-inch portrait display for maximum vertical detail, and intuitive keypad-driven operation. Robust yet compact with both bracket and flush-mount installation options, the S2009 was designed to meet the need for a dedicated fish finder display aboard coastal and offshore fishing vessels.

### S2016 DEDICATED ECHOSOUNDER CONTROL UNIT

The **S2016** combines CHIRP-enabled sonar with a 16-inch widescreen display for an extensive on-screen history, and intuitive keypad-driven operation for reliable control in all conditions. This dedicated echosounder integrates seamlessly with other Simrad displays, while offering charter captains and long-range sportfishing vessels the reliability of a self-contained sonar platform.

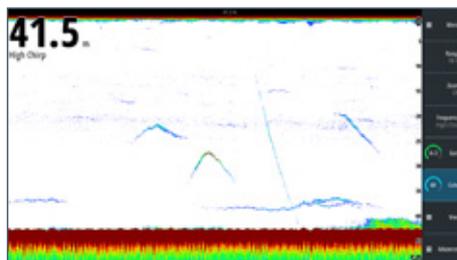


### S2009 AND S2016 SCREENSHOTS



High CHIRP separating the fish from the bottom.

Individual mid water fish. Amazing detection of a jig shown as it drops from 10m to the bottom at 41m.



### S2009 AND S2016 MAIN FEATURES

Dedicated fish finder with integrated Broadband Sounder™ module and CHIRP technology

High depth penetration, ping speed and vertical heave compensation

9-inch portrait or 16-inch widescreen display

High brightness ideal for outside installation

See clearly with White Line, White Marker, and Colour Erase features

Simple operation with 8 direct-access menu keys

Bracket and flush mounting options (bracket included) and Ethernet, NMEA 0183 & NMEA 2000 connectivity

# AUTOPILOTS & INSTRUMENTS

## AUTOPILOTS

State-of-the-art electronics are incorporated into Simrad autopilot systems.

### AP44 AUTOPILOT

This feature-packed **autopilot** controller features a 4.1-inch full-colour display, intuitive keypad operation, and rotary-dial course adjustment. Add dedicated controls to your Continuum autopilot system, standalone or integrated with a Glass Bridge display system.



### AP44 MAIN FEATURES

- Optically bonded display with wide viewing angle
- Intuitive autopilot control with simple menu
- Quick and easy rotary-dial course adjustment
- Automated turn patterns for hands-free manoeuvres
- No Drift steering holds your course against wind and tide



### AP48 AUTOPILOT

The AP48 Autopilot Controller is a premium dedicated control head for Continuum autopilot systems, enhanced with modern glass bridge styling.

### AP48 MAIN FEATURES

- Intuitive autopilot interface with extended keypad
- Large, heavy-duty rotary control dial for precision steering
- Continuum steering technology
- Optically bonded 4.1-inch colour display
- Ultra wide 170-degree viewing angle

### DRIVEPILOT™ / OUTBOARD PILOT

Do-It-Yourself autopilot packs for fingertip control from any Simrad GO Series, NSS evo3, NSO evo2 or NSO evo3 multifunction display. Affordable automatic steering for hydraulic-steer and cable steer engines. The DrivePilot™ provides robust performance in heavier seas with included rate compass.



# AUTOPILOTS & INSTRUMENTS

## INSTRUMENTS

Critical for real-time displays of important engine and watercraft information.



### IS35

Easily visible day or night, the IS35 offers an interface to engine data, fuel efficiency, depth history and more. Connected by NMEA 2000®, the IS35 automatically detects and displays the most relevant information on a series of pre-set, customisable data pages.

Simple button-driven menus

Automatically displays data from NMEA 2000 engines and sensors

Monitor up to two engines per gauge

Stylish-low-profile design

Single-cable installation



### IS42 / IS42J

The multi-purpose IS42 instrument display uses a 4.1-inch full-colour screen to clearly present data from a wide variety of NMEA 2000® connected sensors and engines. The IS42J offers engine status and performance for up to two J1939 diesel engines.

Optically bonded display with wide viewing angle and low-profile glass bridge design

Display wind, speed, depth, engine data, AIS and more

Intuitive operation with waterproof silicon keys

Add an OP12 keypad for full Simrad autopilot control



### OP12

The OP12 wired remote seamlessly integrates with Simrad autopilot systems to provide intuitive mode control, course adjustments, and power steering. Pairs with the IS42, and compatible with Simrad multifunction displays.

Full autopilot control with the IS42

Waterproof silicon keys

Easy one-cable installation



### PRECISION-9

Based on reliable solid-state sensor technology, the Precision-9 Compass supplies heading and rate-of-turn information to Simrad autopilot, radar and navigation systems.

Continual automatic calibration

Heading, Rate Of Turn (ROT), pitch and roll output over NMEA 2000®

Easily adjustable mounting bracket allows bulkhead or up-mast installation



### WR10

Take control of your autopilot from anywhere on board with this easy to use, pocket size, wireless remote controller. The WR10 works with Simrad autopilot systems and is a perfect add on for all types of motor and fishing boats.

1 or 10 degree course changes

Waterproof Bluetooth® base station

Range of up to 30 metres



### OP50

Available in portrait and landscape versions to suit any mounting location from dash to helm chair arm, this controller provides intuitive keypad and rotary-dial command of up to six displays.

Compatible with Go Series, NSS evo3, NSO evo2, NSO evo3 or NSO evo3S multifunction displays

High-quality aluminium control dial with built-in cursor functions

Available in portrait or landscape orientation

# ECHOSOUNDERS

## TRANSDUCERS AND MODULES

From all in one Active Imaging™ technology to the three-dimensional images of StructureScan® 3D, we offer something for every angler, on any budget.

### ACTIVE IMAGING™ SONAR

Perfect for pinpointing fish-holding areas like rocks, reef, weedbeds and wrecks.

**Active Imaging™** sonar delivers superior clarity and the highest resolution images of fish and structure at a longer range than any other structure imaging technology.

### ACTIVE IMAGING MAIN FEATURES

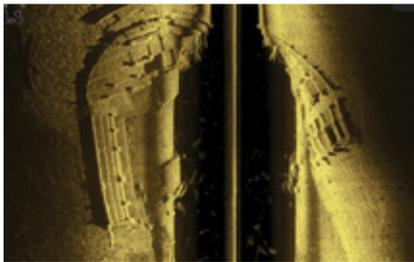
All of your sonar – CHIRP, SideScan and DownScan – from a single transducer

More refined detail and better range than any other imaging technology

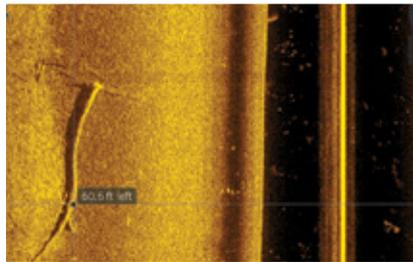
Easier target identification with FishReveal™ Smart Target View

Supports Medium and High CHIRP (83/200kHz) + SideScan and DownScan (455/800kHz)

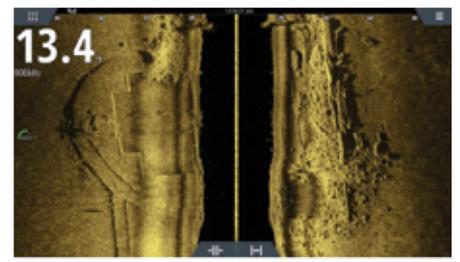
### ACTIVE IMAGING™ SCREENSHOTS



Our clearest, sharpest sonar image ever without sacrificing any range.



Quickly identify fish-holding structure like rocks, reef, weedbeds and wrecks.

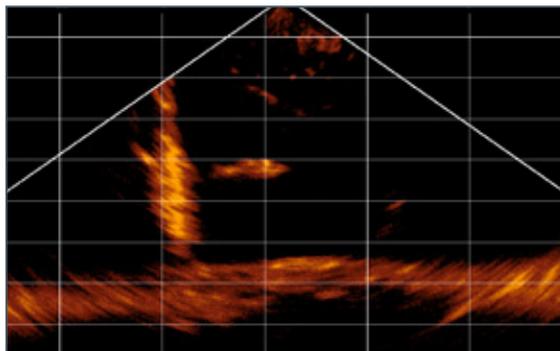


Active Imaging™ doesn't sacrifice range for image clarity, allowing you to find the structure faster.

### LIVESIGHT™ SONAR

Get real-time views of bait and fish movements with **LiveSight™** sonar. See how the fish reacts to your lure in real time. Perfect for drop shotting and vertical jigging LiveSight™ helps you get a read on the fish, so you'll know whether they are actively feeding.

### LIVESIGHT™ SCREENSHOTS



See fish move through the water and around structure in real time.

### LIVESIGHT™ MAIN FEATURES

See fish movements in real time below or in front of your boat

Watch fish react to your lure

Remove the guesswork from sonar interpretation

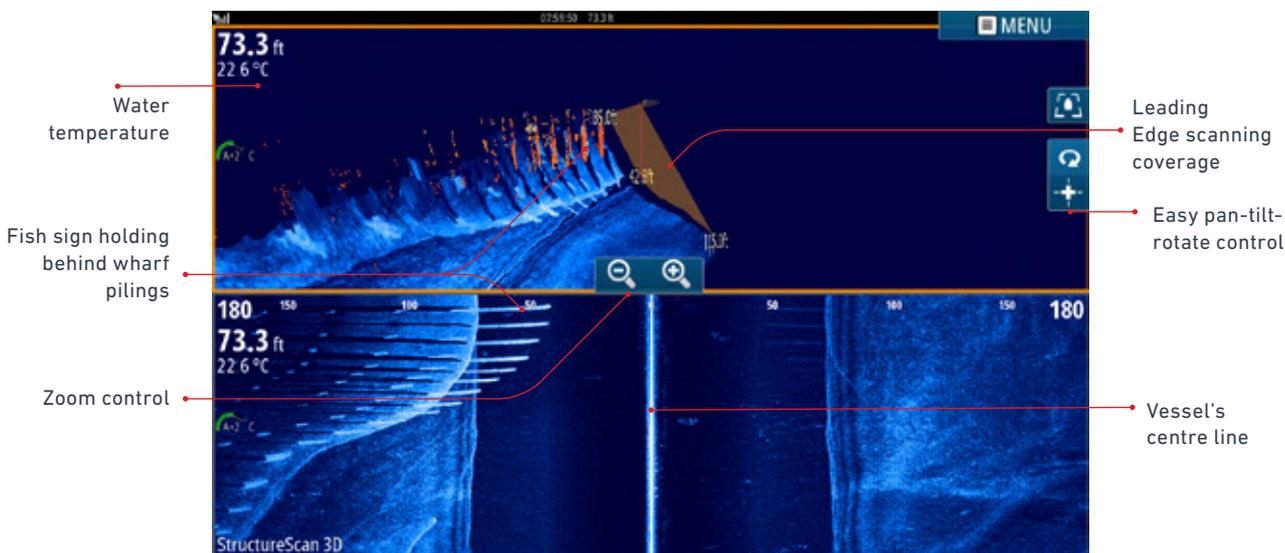
Compatible with NSS evo3 when combined with a PSI-1 module

Compatible with NS0 evo3 with a PSI-1 module and a SonarHub

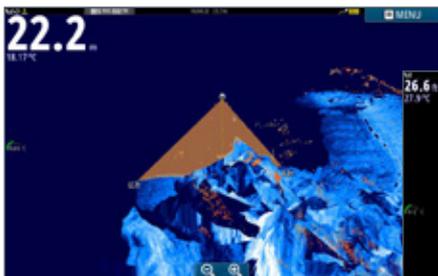
# ECHOSOUNDERS

## STRUCTURESCAN® 3D

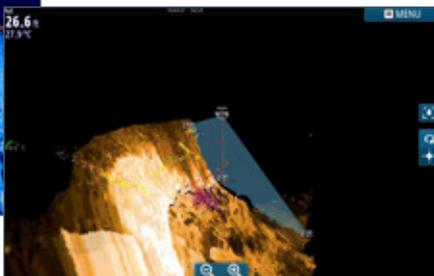
StructureScan 3D imaging scans underwater terrain and fish-holding structure to create a high-resolution, 180-degree, three-dimensional view beneath your vessel.



StructureScan® 3D ScanTrack highlights wharf pilings as fish-holding structure



StructureScan3D showing fish-holding around rocky structure near Nelson, New Zealand. Use Vertical Enhancement to make smaller structure appear larger and more visible.



StructureScan3D's ScanTrack view showing two distinct fish groups of varying species or size holding at different depth contours against this drop off.

### MAIN FEATURES

- Unrivaled SideScan image clarity
- High Definition (HD) and super-wide 3D scanning
- Leading Edge™ Scanning Reference
- SelectScan™ target identification
- Vertical Enhancement Control and Waypoint Overlay
- ScanTrack™ pan-tilt-rotate controls
- Enhanced SideScan Skimmer® transducer design



### STRUCTURESCAN® 3D

With this **unique imaging view**, anglers gain a better understanding of where fish and structure are located in relation to their vessel. StructureScan 3D imaging is available on Simrad NSS evo3, NSO evo2, NSO evo3 or NSO evo3S when used in combination with the StructureScan 3D module and 3D Skimmer® transducer.

# ECHOSOUNDERS

## S5100 ECHOSOUNDER MODULE

Whether searching deep for swordfish, mid-range bait balls or wrecks holding big targets, the Simrad S5100 Sounder upgrades your fish-finding ability.



This high-performance CHIRP sonar module features three fully independent channels to deliver simultaneous high-resolution coverage across multiple depth ranges, perfect for offshore sportfishing anglers.

Mix and match wide and narrow transducer beam-widths to reveal more fish, or adjust CHIRP frequencies to precisely target specific depths producing big, crisp arches for the most advanced target separation available.

### MAIN FEATURES

Three fully independent sonar channels deliver high-resolution coverage

Noise-free clarity at all depth ranges

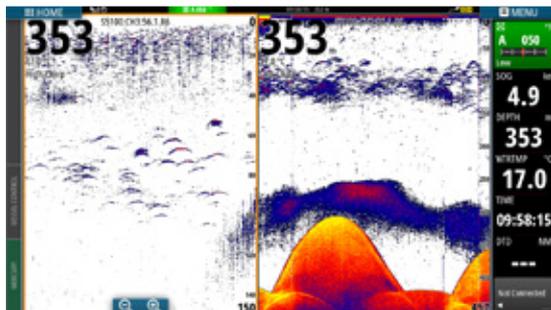
Dependable bottom-lock at faster boat speeds

Flexible and easy transducer frequency selection to match your needs

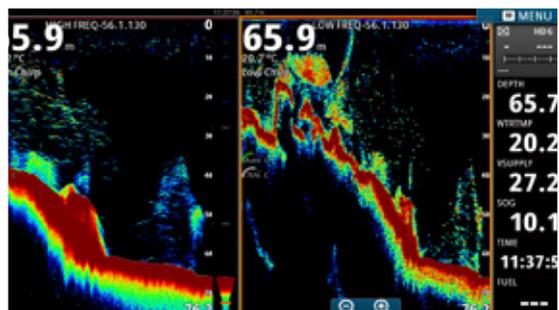
Intelligently cover the water column in superior detail

3KW per channel to get even deeper

### S5100 ECHOSOUNDER MODULE SCREENSHOTS



Pinnacles from 420m up to 300m on low frequency. Large bait school and individual fish in the mid water on both frequencies.



Reef Fishing at 65M (210ft). Different ping speed between high and low chirp.

# ECHOSOUNDERS

## CHIRP AND BROADBAND TRANSDUCERS

For compatibility please see [www.simrad-yachting.com](http://www.simrad-yachting.com) or speak to one of our certified dealers.

Transom Mount	Tilt °	Freq (kHz)	Power	Cone angle °	Connector	Part Number
P66		50/200	600W	45°/11°	9pin xSonic	000-13919-001
HDI SKIMMER		83/200/M/H		52°/22°	9pin xSonic	000-12728-001
HDI SKIMMER		50/200/L/H		29°/12°	9pin xSonic	000-12569-001
TM260		50/200	1kW	19°/6°	9pin xSonic	000-13904-001
TM150M		M (95-155)	300W	17°-26°	9pin xSonic	000-13944-001
*TM275LH-W		L (42-65)/H(150-250)	1kW	16°-25°/25°	9pin xSonic	000-13770-001
TM185M		M (85-135)	1kW	16°-11°	9pin xSonic	000-13998-001
TM185HM		Hi (150-250)	1kW	25°	9pin xSonic	000-13997-001
TM165HW		Hi (150-250 KHZ)	600W	30°	9pin xSonic	000-15482-001
Active Imaging 3in1		83/200/M/H		52°/22°	9pin xSonic	000-14489-001
Through hull	Tilt °	Freq (kHz)	Power	Cone angle °	Connector	Part Number
Bronze HDI	0°	50/200/L/H		45°/11°	9pin xSonic	000-13905-001
	12°	50/200/L/H		45°/11°	9pin xSonic	000-13906-001
	20°	50/200/L/H		45°/11°	9pin xSonic	000-13907-001
P319	0°	50/200	600W	45°/12°	9pin xSonic	000-13915-001
SS60 - 20°	20° (0° & 12° available)	50/200	600W	45°/12°	9pin xSonic	000-13786-001
SS164 - 20°	20° (0° & 12° available)	50/200	1kW	20°/6°	9pin xSonic	000-13918-001
SS260		50/200	1kW	19°/6°	9pin xSonic	000-13783-001
B150M - 20°	20° (0° & 12° available)	M (95-155)	300W	17°-26°	9pin xSonic	000-13922-001
SS75M - 20°	20° (0° & 12° available)	M (80-130)	600W	16°-24°	9pin xSonic	000-13910-001
SS75H	0°	H (130-210)	600W	9°-15°	9pin xSonic	000-13911-001
	12°	H (130-210)	600W	9°-15°	9pin xSonic	000-13912-001
	20°	H (130-210)	600W	9°-15°	9pin xSonic	000-13913-001
SS175L	0°	L (40-60)	1kW	21°-32°	9pin xSonic	000-13774-001
	12°	L (40-60)	1kW	21°-32°	9pin xSonic	000-13775-001
	20°	L (40-60)	1kW	21°-32°	9pin xSonic	000-13776-001
SS175M	0°	M (85-135)	1kW	11°-16°	9pin xSonic	000-13777-001
	12°	M (85-135)	1kW	11°-16°	9pin xSonic	000-13778-001
	20°	M (85-135)	1kW	11°-16°	9pin xSonic	000-13779-001
SS175H-W	0°	H (150-250)	1kW	25°	9pin xSonic	000-13780-001
	12°	H (150-250)	1kW	25°	9pin xSonic	000-13781-001
	20°	H (150-250)	1kW	25°	9pin xSonic	000-13782-001
*B275LH-W		L (42-65)/H(150-250)	1kW	16°-25°/25°	9pin xSonic	000-13771-001
*R509LH-W		LL (28-60)/H(150-250)	3kW	9°-23°/25°	9pin xSonic	000-13773-001
In Hull/Pocket/ Chest Mount	Tilt °	Freq (kHz)	Power	Cone angle °	Connector	Part Number
P79		50/200	600W	45°/12°	9pin xSonic	000-13942-001
M260		50/200	1kW	19°/6°	9pin xSonic	000-13914-001
*CM275LH-W		L (42-65)/H(150-250)	1kW	16°-25°/25°	9pin xSonic	000-13772-001
Adaptors						Part Number
7 pin TXD plug to 9 pin MFD plug	For connecting 7 pin blue plug transducers to 9pin xSonic display					000-13313-001
9 pin TXD plug to 7 pin MFD plug	For connecting non Airmar XID transducers with 9pin xSonic connectors with analogue temp to older 7pin blue sockets on displays and echo sounder modules.					000-12571-001
9 pin TXD plug to 7 pin MFD plug	For connecting XID Airmar Chirp transducer to older 7 pin blue socket on displays and echocounder modules					000-13977-001

# ECHOSOUNDERS

## FORWARDSCAN™ SONAR

Know what lies ahead with Simrad ForwardScan.

### FORWARDSCAN™ SONAR

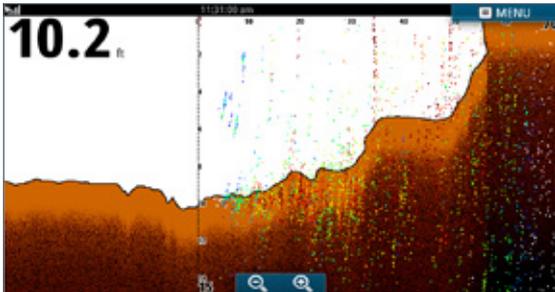
This forward-looking sonar provides a clear two-dimensional image of the bottom in front of your vessel, allowing you to navigate shallow or poorly-charted waters with confidence. With real-time updates and a forward-looking view of up to eight times your current depth, ForwardScan lets you relax and enjoy a safer day on the water.



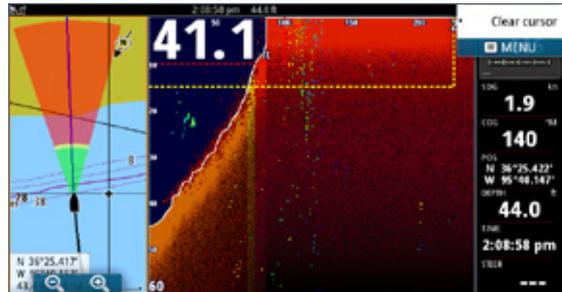
### MAIN FEATURES

- Clear view of what's below the surface
- Bottom Colour Tracking for simplified bottom view
- Set up custom warning zones
- Avoid running aground and Shallow depth alarm
- Built-in temperature sensor
- Easy to install through-hull fitting with stainless sleeve
- Simrad NSS evo3, NSO evo2, NSO evo3 and NSO evo3S (via SonarHub) & G05/G07/G09/G012 compatible

### FORWARDSCAN™ SONAR SCREENSHOTS



Bottom Colour Tracking offers a solid 2D rendering of the bottom ahead of your vessel for an uncluttered, immediately understandable view.



Heading Line View integrates ForwardScan depth data with the heading line on the navigation page of your Simrad display, with simple colour-coding to represent deep, medium and shallow water.

**8X**

**MAXIMUM FORWARD VIEW OF 8X YOUR CURRENT DEPTH**

e.g. at 3m (10ft) depth, see up to 24m (80ft) ahead.

**4X**

**NOMINAL FORWARD VIEW OF 4-5X YOUR CURRENT DEPTH**

e.g. at 3m (10ft) depth, see 12-15m (40-50ft) ahead.



# MARINE COMMUNICATIONS

## RADIO / AIS / AUDIO

Hear and be heard with the latest equipment from Simrad.



### RS20S

Stay safe and in touch with this dependable Class D DSC approved VHF radio featuring an integrated GPS receiver.

High-visibility display with inverted night mode

Intuitive rotary dial and keypad controls

Four-button fist microphone

Class D DSC approved



### RS40

Stay safe and connected with this VHF marine radio featuring a sleek design with removable fist mic, Class D DSC functionality, and built-in GPS.

Class D DSC approved VHF radio

Dual channel AIS receiver

Integrated GPS receiver

Connect up to two wireless handsets



### RS40-B

The RS40-B includes a Class B AIS transceiver, which not only receives AIS targets but also transmits your boat's position to nearby AIS-equipped vessels.

Integrated Class B AIS transceiver

Class D DSC approved VHF radio

Integrated GPS receiver

Removable fist mic supports front or rear connection

Connect up to two wireless handsets

NMEA 0183® and NMEA 2000® connectivity



### RS90S VHF RADIO SYSTEM

Not just a radio, the RS90S also functions as an AIS receiver, hailer, foghorn, and on-board intercom. A 30 second record and replay means you never miss anything vital. Connect with up to 6 handsets.

Modular system with built-in AIS receiver

Supports up to 4 wired + 2 wireless handsets

PA/Hailer and foghorn & IPX7 waterproof

30-second Record and Playback

Integrated GPS receiver



### NAIS-500

Reduce your risk of collision with this fully integrated Class-B AIS transponder – essential for navigating busy shipping lanes and congested ports. The NAIS-500 networks easily with any NSS, NSO or GO display.

Class-B Approved AIS Transponder

Integrates with existing Simrad MFD

NMEA 2000®, 0183® connectivity

IPX7 waterproof & low power consumption



### SONICHUB® 2

The SonicHub2 system features Bluetooth® connectivity to stream music from smartphones and tablets, built-in AM/FM radio, music and video playback from USB drives, and SiriusXM® satellite radio support\* – all controlled from your Simrad display.

50W x 4 amplifier & Dual USB ports

Video output via Composite RCA for playing video files from a USB drive

Pre-amp Zone 3 and sub-woofer outputs

Dual Stereo AUX input (AUX1, AUX2)

\*US only, requires WM-3 module

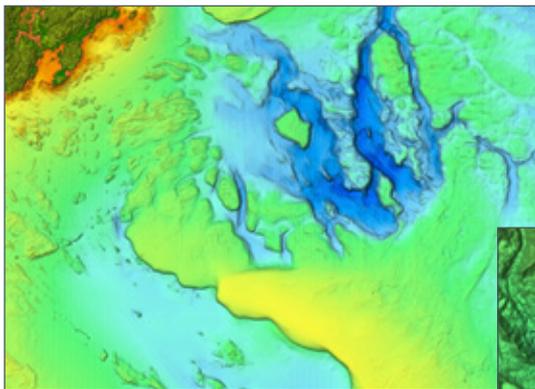
# CHARTS AND MAPPING

## CARTOGRAPHY

Offering the widest range of cartography options for anglers and boaters.

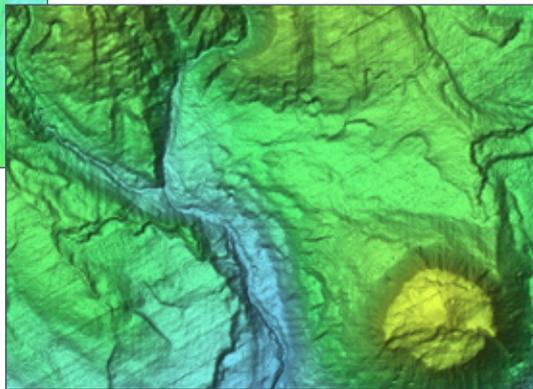
### C-MAP

C-MAP serves boaters worldwide, providing cartography products and services for all types of leisure boaters, from fishermen to powerboat owners.



### C-MAP REVEAL

Enter a new world of mapping with C-MAP Reveal. View the sea floor in a whole new light and clearly identify sea floor structure, along with reefs and ledges to find the best fishing and diving spots. C-MAP Reveal will take your charts to the next level.



#### MAIN FEATURES

Ultra-High Resolution Bathymetric Imagery – Superior identification of the sea floor

Navigation Data – Containing all C-MAP MAX-N+ vector navigation data

Superior Overlays – Easily adjust the level of data you see with Genesis Data, Satellite Imagery and High-Resolution Bathymetric Layer



### C-MAP MAX-N+

C-MAP MAX-N+ charts provide accurate, up-to-date information, unique features and specialized content to enhance every boating adventure.

#### MAIN FEATURES

High Resolution Bathymetric (HRB) charts for coastal areas

Dynamic Tides & Currents, and Marina Info/Port Services help travelling boaters enjoy smooth boating worldwide

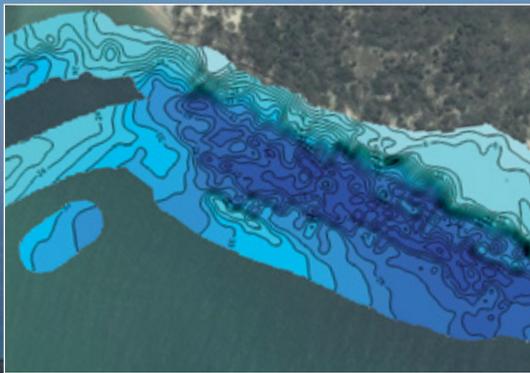
# CHARTS AND MAPPING

## CARTOGRAPHY

Offering the widest range of cartography options for anglers and boaters.

### C-MAP GENESIS

C-MAP Genesis empowers you to create high-definition custom fishing maps with amazing detail and one-foot contours that show key fish-holding areas for greater success on the water. Find out more at [genesismaps.com](http://genesismaps.com)



#### MAIN FEATURES

Transform your sonar logs into free custom maps

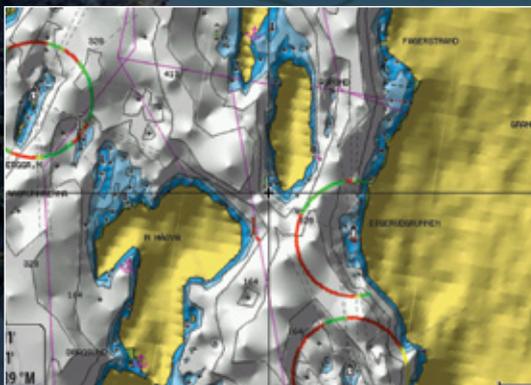
View, download & contribute to online social map water bodies across the globe

Customize maps with 1-, 3-, 5- or 10-foot blue-shaded contours

Upgrade to Genesis Edge to keep maps private

### NAVIONICS®

Navionics charts offer optional high-definition layers, including 3D, Satellite Overlay, Panoramic Port Pictures, Dynamic Tides & Current, SonarChart™ Live and much more.



### NAVIONICS® PLATINUM+

All the same marine and lakes content and advanced features found in Navionics+ are augmented with 3D View, satellite overlay and panoramic photos to provide the ultimate situational awareness.

# POWERBOAT SYSTEMS

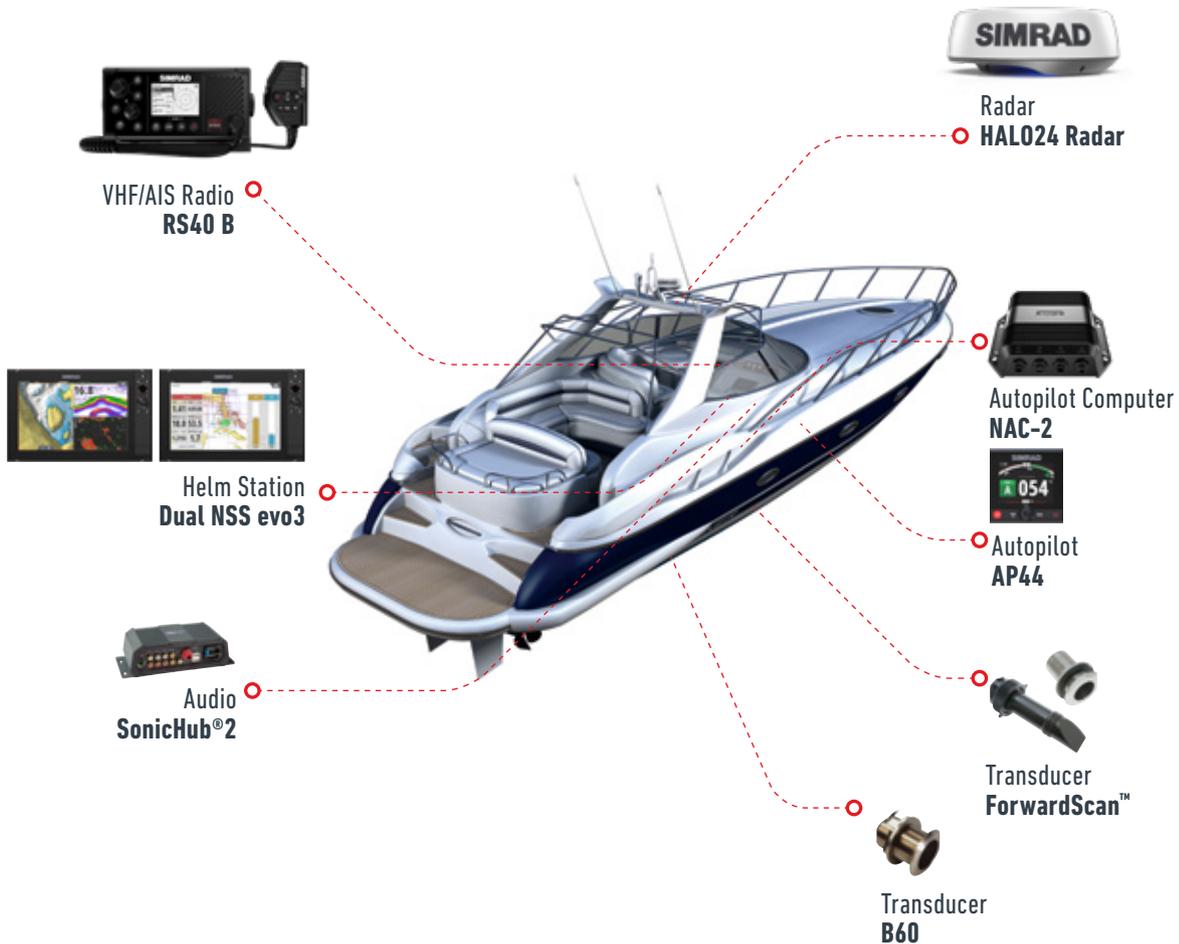
## SMALL & MEDIUM POWERBOATS

Single station powerboats.

26-50FT

### SIMRAD POWERBOAT SYSTEMS

Simrad NSS evo3 displays and Glass Bridge systems place you in complete control of your cruising experience. Navigate confidently and safely with intuitive multi-touch controls, automatic routing, ForwardScan™ sonar, and a range of innovative radar solutions. Autopilot frees your hands from the wheel, while you cruise to your own soundtrack with the fully integrated SonicHub®2 entertainment system.

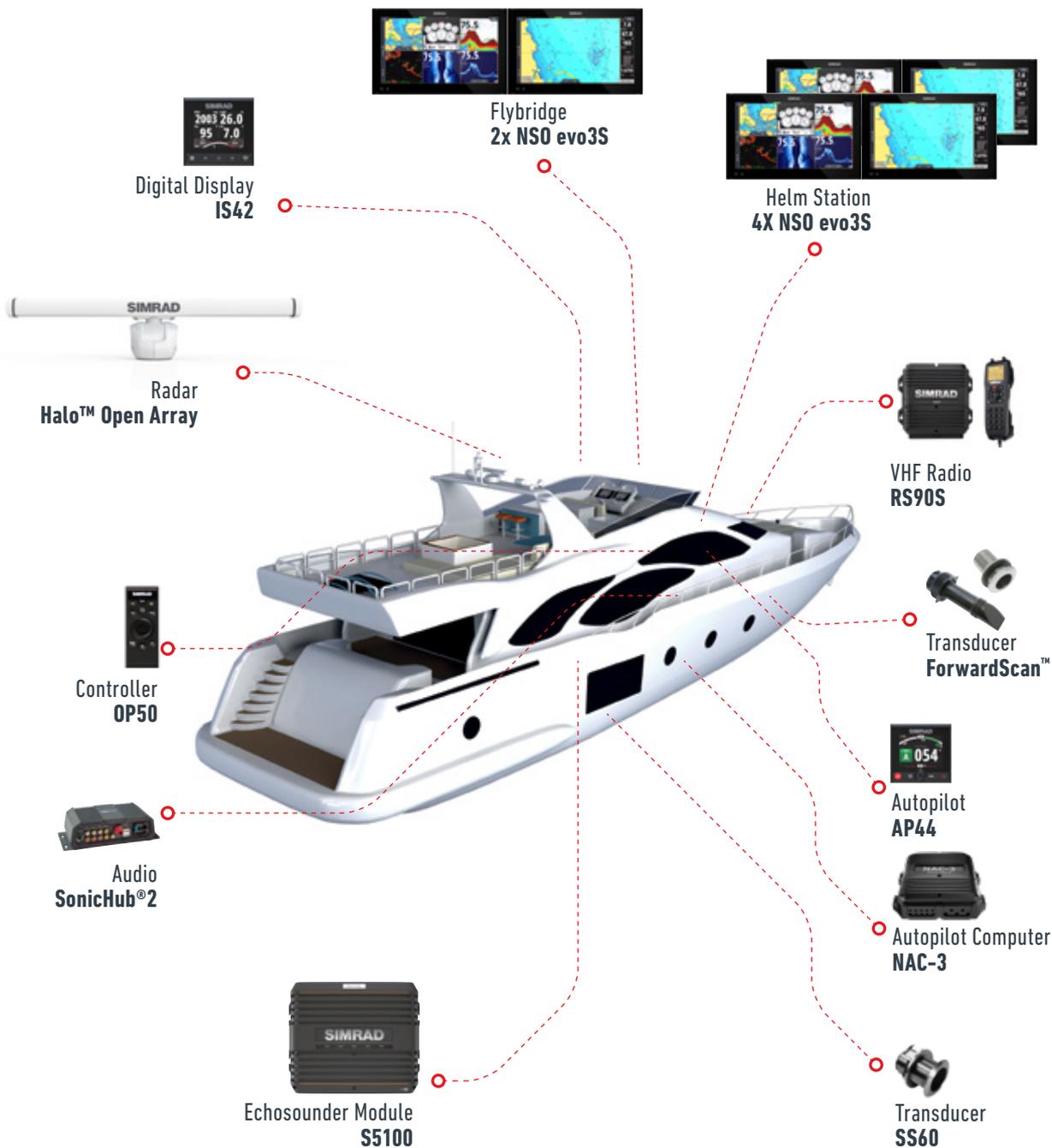


# POWERBOAT SYSTEMS

## MOTOR YACHTS

Large dual station motor yachts.

### 50-100FT



# SPORTFISHING SYSTEMS

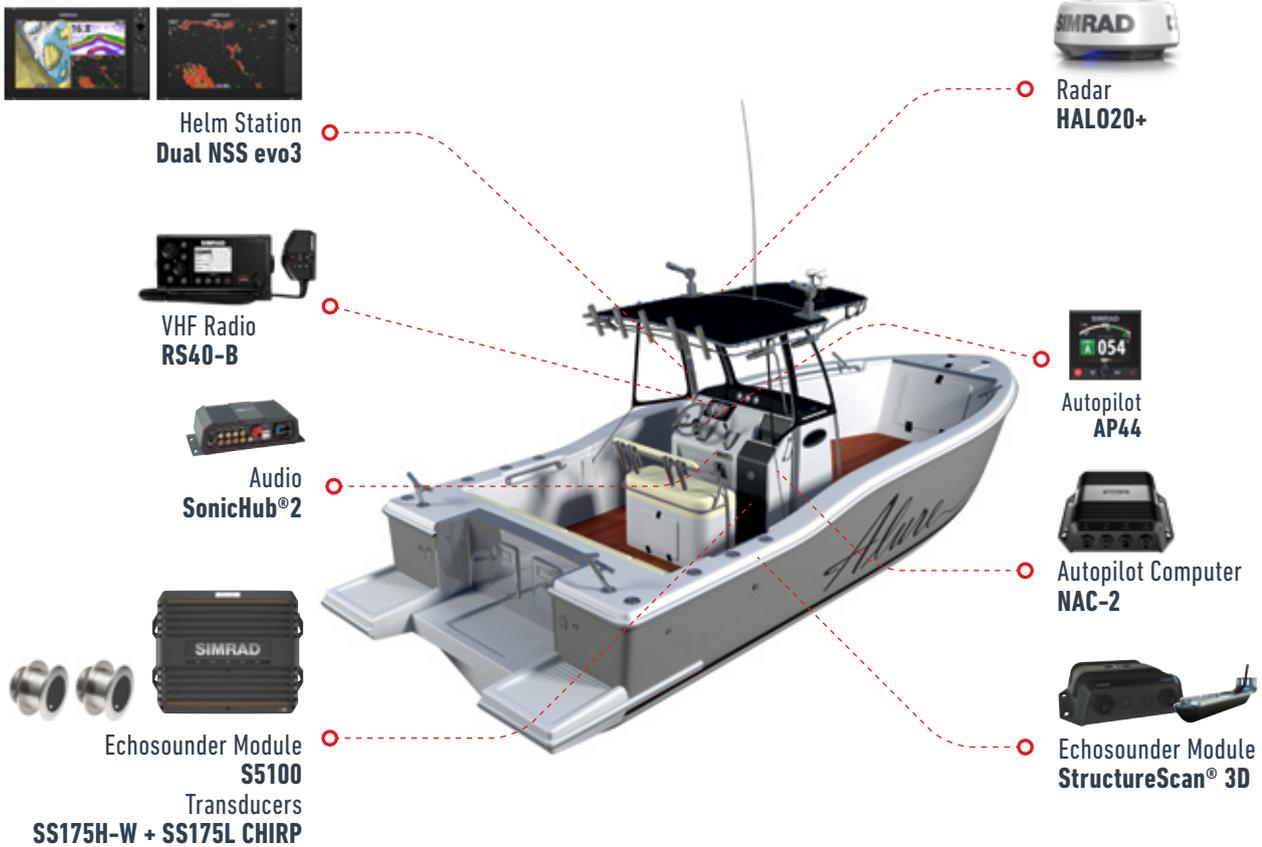
## CENTER CONSOLE

Single station sportfishers.

20-40FT

### SIMRAD SPORTFISHING SYSTEMS

Customisable Simrad technology lets you create the perfect sportfishing system. Whether you're drifting over deep-sea spots or trawling for big game, there's a sonar solution that will help you see more and target better. The bird finding feature on our Halo radars and our crystal-clear displays will give you everything you need to find fish. All built tough and designed for ease of use with wet or gloved hands.



# SPORTFISHING SYSTEMS

## LARGE FLYBRIDGE

Large dual station motor yachts.

### 40-70+ FT



# RUNABOUT SYSTEMS

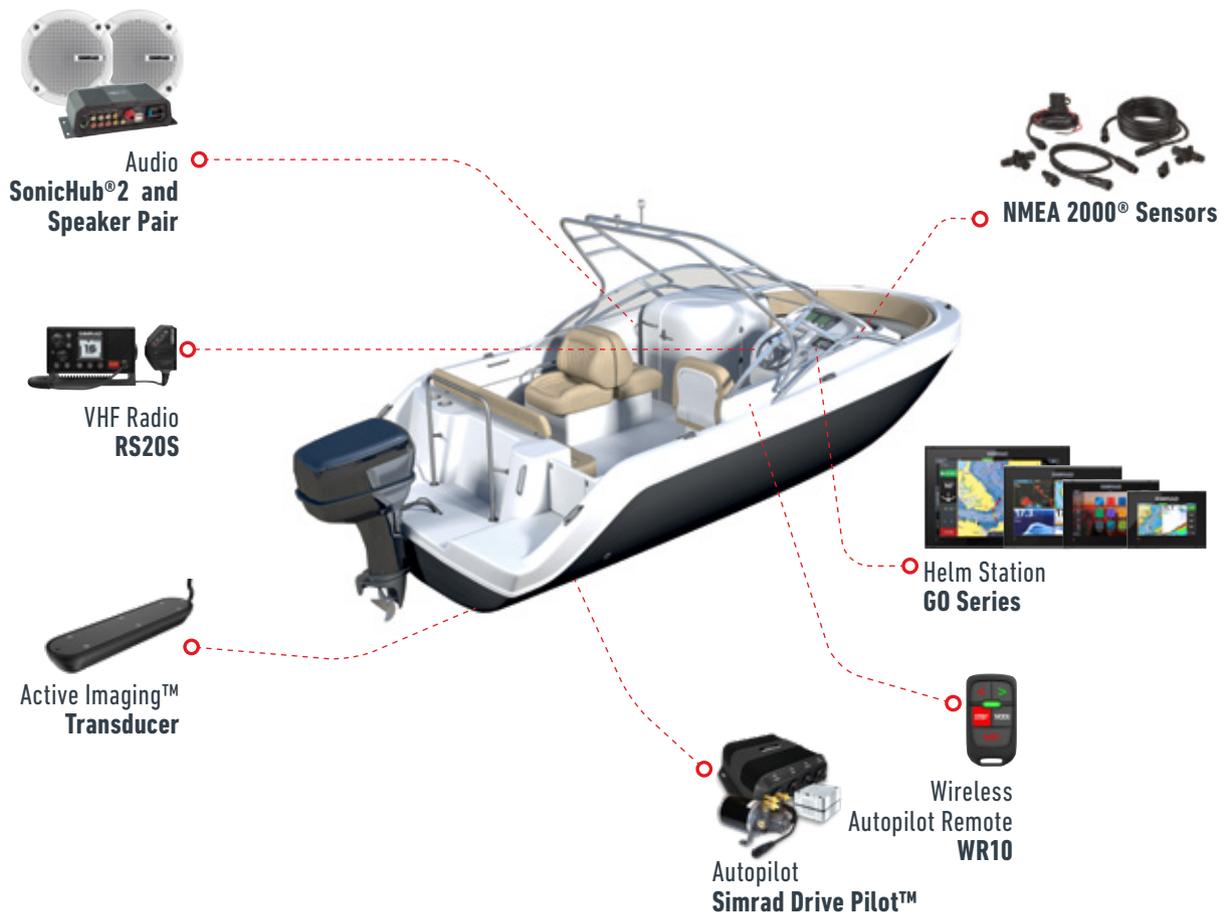
## SMALL RUNABOUTS, BOW RIDERS OR BAY BOATS

Single station powerboats.

UP TO **26FT**

### SIMRAD RUNABOUT SYSTEMS

Our award-winning Simrad GO chartplotter navigation displays are a perfect fit for runabouts of all types. These displays pair comprehensive navigation tools with a wide range of built-in cruising and fish finding sonar technology. With industry-standard connectivity, including support for compact and low-power Simrad radar systems, it's easy to integrate and accessorise to suit your needs.



**ENABLING POWERBOATING AND  
SPORTFISHING ENTHUSIASTS  
TO JOURNEY FURTHER AND  
EXPLORE THEIR LIMITS**



# CONNECTED VESSEL

## DIGITAL BRIDGE CONNECTED

Enhance your boat with vessel-wide monitoring, digital connection and control capabilities.

Extend your vision and control anywhere on board using your existing smartphone or tablet. This is the reality of today's connected vessel. This information is presented through easy-to-read numeric and graphical displays, logically arranged on

pages related to specific areas of functionality such as switching, propulsion, or tankage. LOOP is a bespoke vessel integration system that connects all vessel services with a single touch.

## LOOP

Enhance your boat with vessel-wide monitoring and control capabilities. **LOOP** extends the capabilities of selected Simrad systems to monitor and display a wealth of information.



Navigation Lights



Media Centre



Light Scenarios



Doors & Hatches



Blinds & Curtains



Digital Switching



Electrical Services



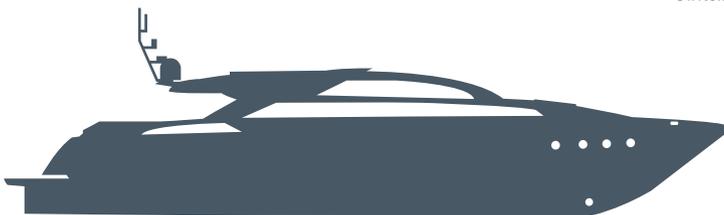
HVAC



Fuel



Flap Trim / Tabs



Diesel Engines



Generators



Levels Monitoring



Smoke & Fire Detect



Bilge Pumps



Batteries



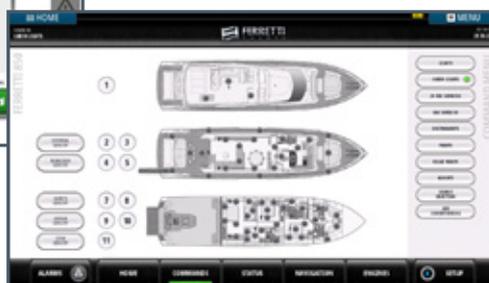
Gyro Stabiliser



**LOOP** includes engine status, performance, fuel and other tank levels, energy management for DC and AC power systems, and other data from a vast range of supported systems and sensors.



Control Page



Control Page

### MAIN FEATURES

- Bespoke systems tailored to your vessel

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- Monitor and control propulsion systems

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- Control lighting, air conditioning, and other systems with digital switching

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- Monitor fuel and other tank levels

---

- Manage on board electrical systems

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# CRUISING AND FISHING

## MARINE NAVIGATION, TRIP PLANNING, NAUTICAL CHARTS

For customised vessel-wide system monitoring and control.

It is time to get out on the water with the new Simrad app, built to help you journey further! Whether you are out on the water for cruising, fishing, diving, water sports or other activities, this is the app of choice. If you are equipped with a Simrad display, get started by connecting your display to your phone. If not, you can just switch on the app and get going.

Find the hottest destinations for all your favourite activities with our high-resolution bathymetry charts. Power into your next trip and save your favorite routes, waypoints and trails in the app so you maximise your time on the water. It's easy to start planning from home, or on the go, to guarantee a fun day out. Downloadable offline charts give you mapping information when you are out on the water and away from it.

### MAIN FEATURES

- Activation/Registration of your Simrad chartplotter

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- Free up-to-date charts

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- Introducing HRB in 2020\*

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- Waypoints, routes and trails

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- Auto routing direct to your favorite fishing spots

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- Offline maps\*

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- Thousands of points of interest, including relevant information about marinas, harbours, beaches, shops and much more

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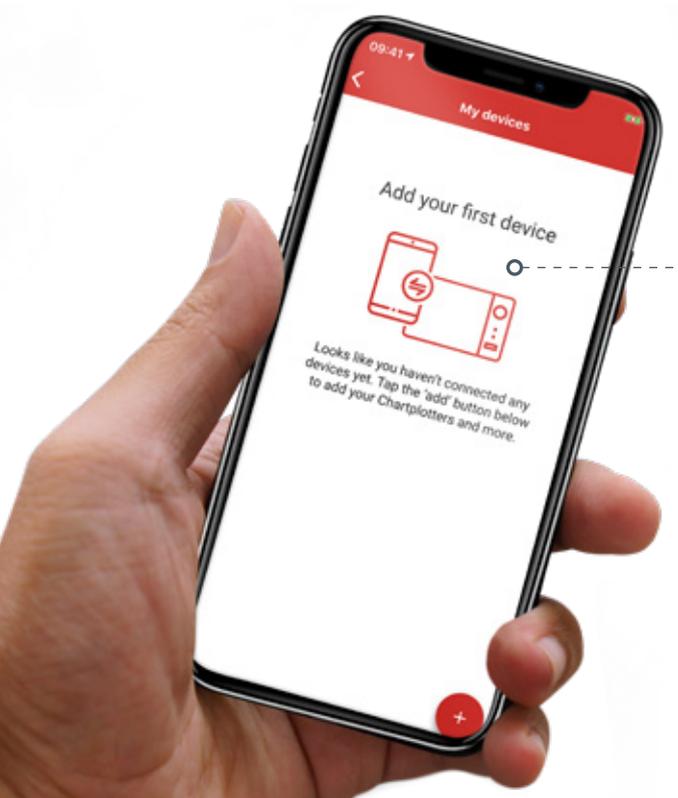
- AIS Traffic\*

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- Personalization of your maps

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- Marine weather forecast\*



### SIMPLE ONBOARDING

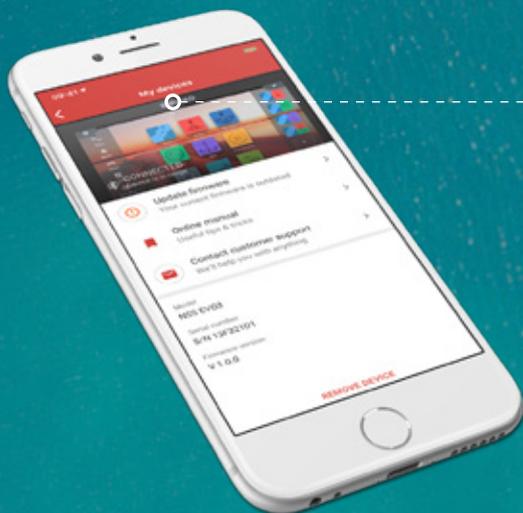
- Register your Device

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- Personalised MFD landing page

\*Premium Subscription Required

The Simrad app updates on a continuous basis to make sure you get the best experience and to bring you the most up-to-date maps and functionalities. Be sure to check in for updates regularly.



C-Map maps can be used online for free. You can also purchase and enjoy downloadable maps in remote areas without connection.

## SOFTWARE UPDATES

Online manuals

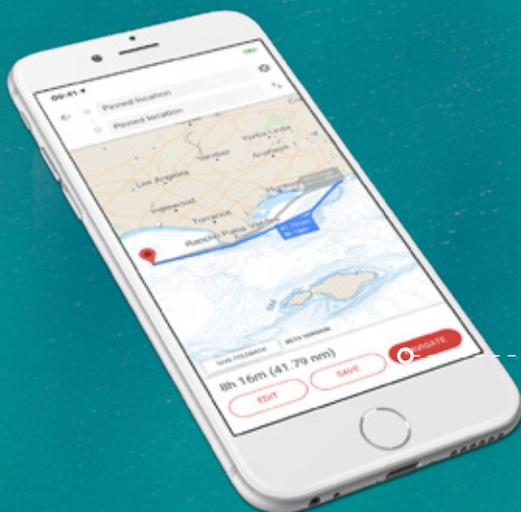
How to videos

## FREE CHARTS

Free up-to-date nautical charts

Map and units personalisation

Thousands of Points of interest



## PRE-PLAN

Autorouting

Personal waypoints, routes and tracks

Information about marinas and other POIs

5-day marine weather



# PART NUMBERS

## SIMRAD PRODUCT LIST

A quick resource to help you find the correct Simrad parts.

### NSO EVO3S

DESCRIPTION	PART NO.
NSO EVO3S MFD 16" Display	000-15047-001
NSO EVO3S MFD 19" Display	000-15049-001
NSO EVO3S MFD 24" Display	000-15051-001
NSO EVO3S MFD 16" System Pack	000-15126-001
NSO EVO3S MFD 19" System Pack	000-15127-001
NSO EVO3S MFD 24" System Pack	000-15128-001

### NSO EVO3S MPU

DESCRIPTION	PART NO.
NSO EVO3S MPU Processor	000-15045-001
NSO EVO3S MPU, 16" Monitor Bundle	000-15115-001
NSO EVO3S MPU, 19" Monitor Bundle	000-15117-001
NSO EVO3S MPU, 24" Monitor Bundle	000-15119-001
M016-T 15.6" Touch Monitor	000-11260-001
M019-T 19" Touch Monitor	000-11262-001
M024-T 24" Touch Monitor	000-11264-001

### NSS EVO3

DESCRIPTION	PART NO.
NSS7 EVO3, Combo MFD, World Basemap	000-13237-001
NSS9 EVO3, Combo MFD, World Basemap	000-13238-001
NSS12 EVO3, Combo MFD, World Basemap	000-13239-001
NSS16 EVO3, Combo MFD, World Basemap	000-13240-001

### CRUISE

DESCRIPTION	PART NO.
SIMRAD Cruise-5 with 83/200 Transducer	000-15346-001
SIMRAD Cruise-7 with 83/200 Transducer	000-15347-001
SIMRAD Cruise-9 with 83/200 Transducer	000-15348-001

### GO SERIES

DESCRIPTION	PART NO.
G07 XSR Active Imaging 3IN1 with CMAP MAX N Australia/New Zealand	000-14870-001
G09 XSE Active Imaging 3IN1 with CMAP MAX N Australia/New Zealand	000-14875-001
G012 XSE Active Imaging 3IN1 with CMAP MAX N Australia/New Zealand	000-14857-001

### DEDICATED DISPLAYS

DESCRIPTION	PART NO.
R2009, Radar Control Unit, 9"	000-12186-001
R3016, Radar Control Unit, 16"	000-12188-001
S2009, Echosounder, 9", No Transducer	000-12185-001
S2016, Echosounder, 16", No Transducer	000-12187-001

### ECHOSOUNDERS

DESCRIPTION	PART NO.
SonarHub™ Module	000-11142-001
S5100 Sonar Module	000-13260-001
Forwardscan Transducer (XDCR kit)	000-11674-001
ForwardScan Transducer (No sleeve or plug)	000-11675-001
StructureScan3D transducer and module	000-12395-001

### ECHOSOUNDERS

DESCRIPTION	PART NO.
StructureScan 3D Stainless Steel Thru-Hull transducer	000-13559-001
Active Imaging Transducer	000-14490-001
Active Imaging 3-IN-1	000-14489-001
Active Imaging 3-IN-1with 1.8m (6Foot) cable	000-14814-001

### HALO OPEN ARRAY

DESCRIPTION	PART NO.
Halo-3 Pulse Compression Radar	000-11469-001
Halo-4 Pulse Compression Radar	000-11470-001
Halo-6 Pulse Compression Radar	000-11471-001

### HALO DOME RADAR

DESCRIPTION	PART NO.
Halo24	000-14535-001
Halo20+	000-14536-001
Halo20	000-14537-001

### VHF & AIS

DESCRIPTION	PART NO.
RS20S VHF	000-14491-001
RS40 VHF	000-14470-001
RS40-B VHF	000-14473-001
RS90S AIS VHF RX system	000-14531-001
HS90 Handset	000-11228-001
NAIS-500 with GPS-500	000-13609-001

### INSTRUMENTS

DESCRIPTION	PART NO.
IS35 Colour Instrument Display	000-13334-001
IS42 Digital Display	000-13285-001
Precision-9 Compass	000-12607-001

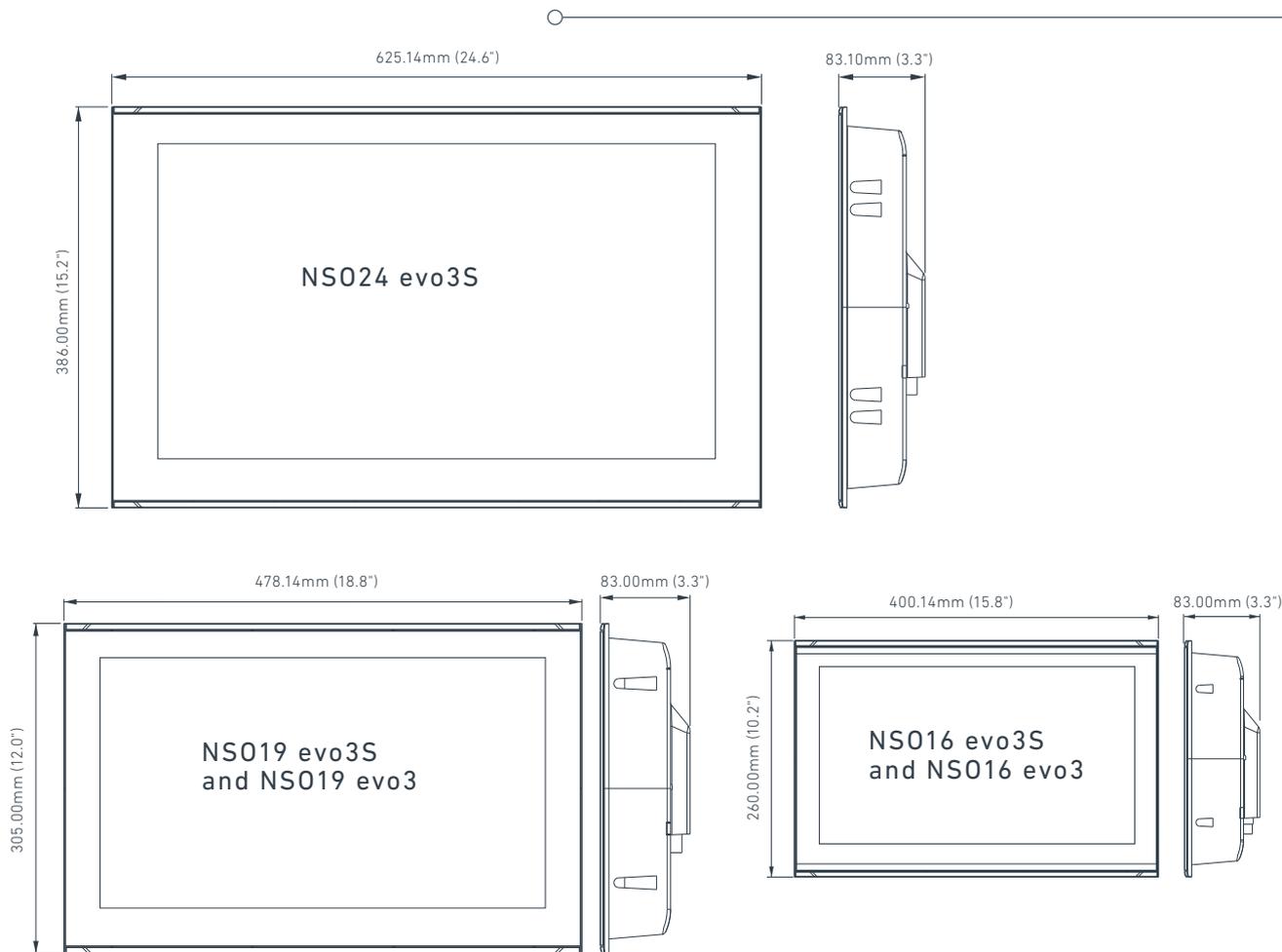
### AUTOPILOT

DESCRIPTION	PART NO.
AP44 Autopilot Controller	000-13289-001
AP48 Autopilot Controller	000-13894-001
OP12 Autopilot Controller	000-13287-001
DrivePilot™ Hydraulic Steer Pack	000-11750-001
Outboard Pilot Hydraulic Pack	000-11748-001
Outboard Pilot Cable steer Pack	000-11749-001
OP50 Remote, Portrait	000-12364-001
WR10 Autopilot remote and base station	000-12316-001

# PRODUCT DIMENSIONS

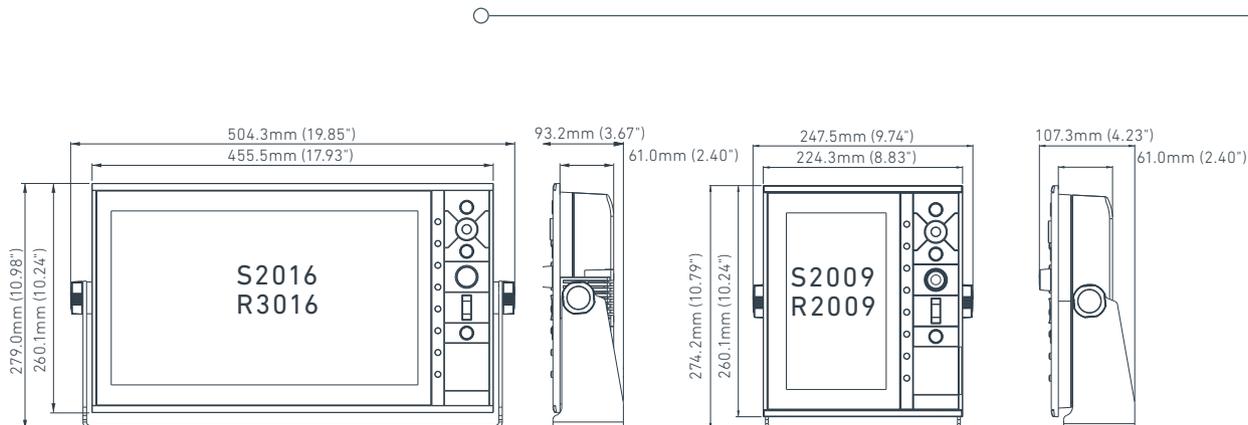
## NSO EVO3S AND NSS EVO3

Product dimensions and characteristics that serve to identify our products.



## S2009/R2009 AND S2016/R3016

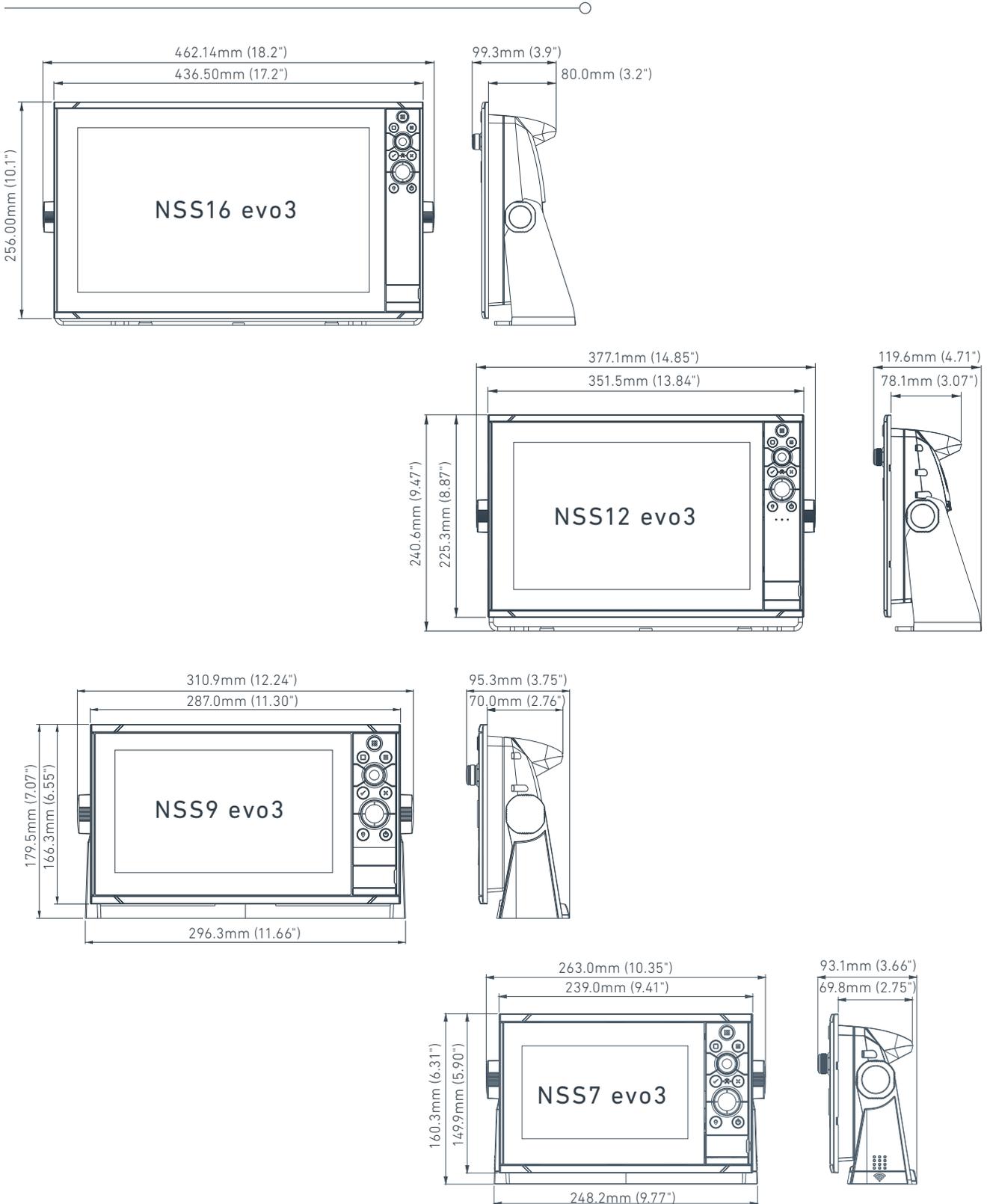
Product dimensions and characteristics that serve to identify our products.



# PRODUCT DIMENSIONS

## NSS EVO3

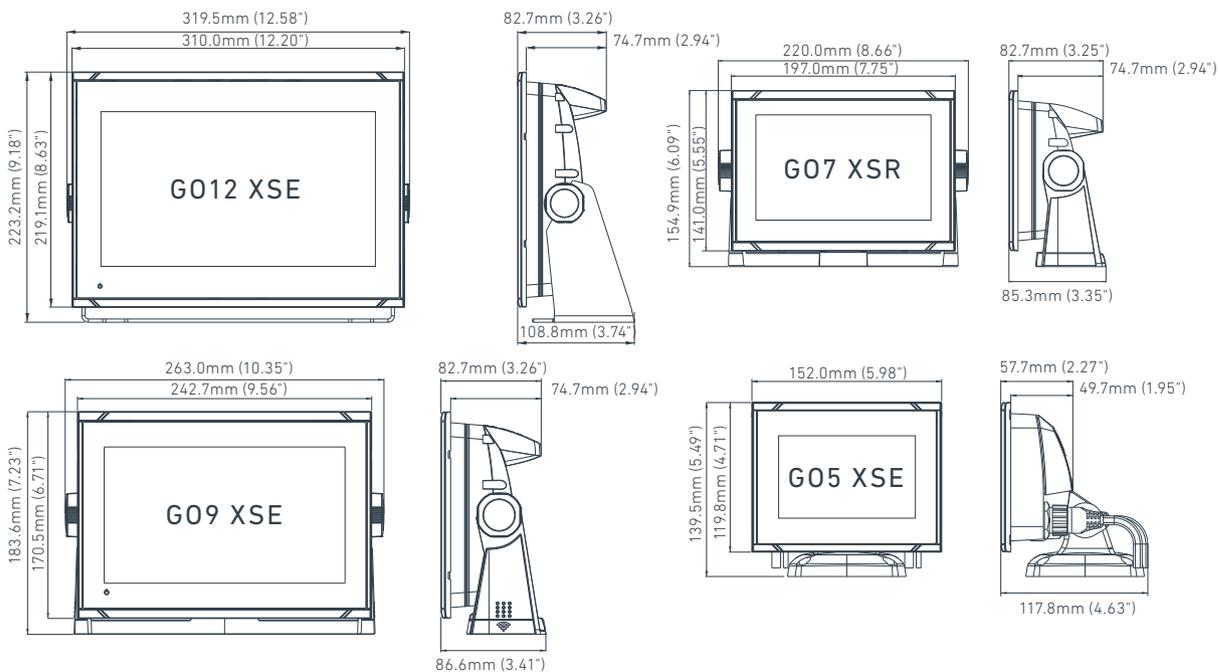
Product dimensions and characteristics that serve to identify our products.



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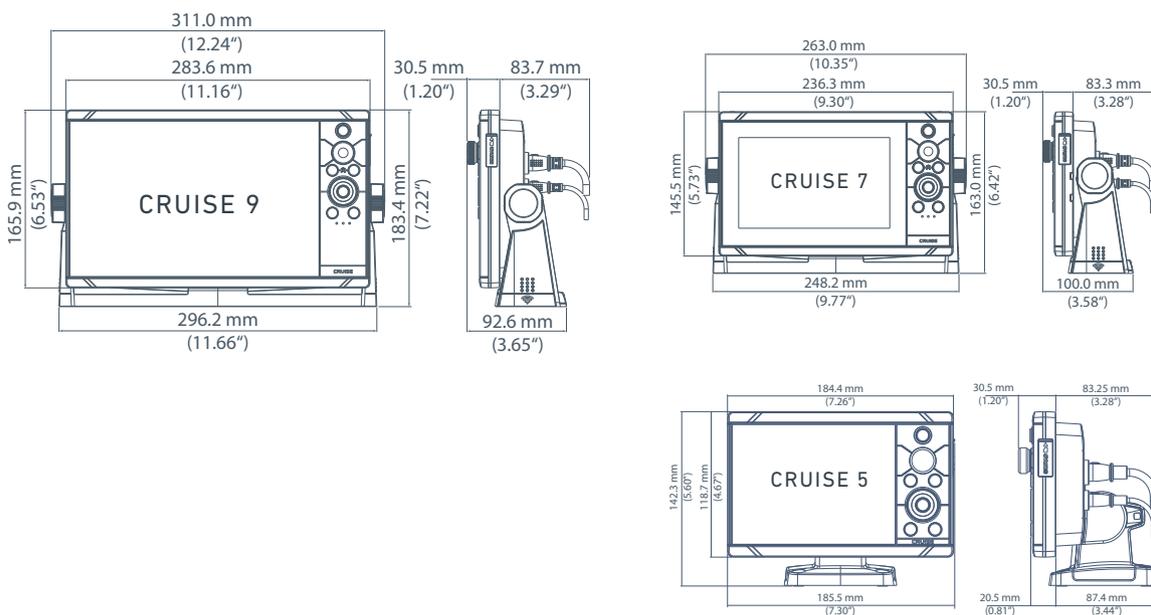
## GO SERIES

Product dimensions and characteristics that serve to identify our products.



## CRUISE

Product dimensions and characteristics that serve to identify our products.



SIMRAD

## SERVICE & SUPPORT

### Comes with:

- 2 Year Warranty
- Extended Warranty Options
- 5 Year Upgrade
- Global Service Network

### +Certified Vessels:

- 2 Year Onboard Support
- 24 Hour Replacement

## Sales & Service

### ASIA PACIFIC

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Auckland, New Zealand

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