



Raymarine®

Element S

Navigation Display

NEW PRODUCT INTRODUCTION



Element S Overview

A trusted cruising companion, the Element-S series of navigation displays gives boaters the freedom to enjoy the open water with Raymarine performance and ease-of-use.

Delivering **superior performance and value**, Element's quad core processor offers responsive performance and all-weather, sunlight viewable displays provide chart and navigation data in beautiful color.

Simple and straightforward LightHouse Sport operating system lets boaters navigate with confidence. Plus a smart list of user-friendly features, including Quantum CHIRP wireless radar, AIS target overlays, autopilot integration, and sailing instruments displays.



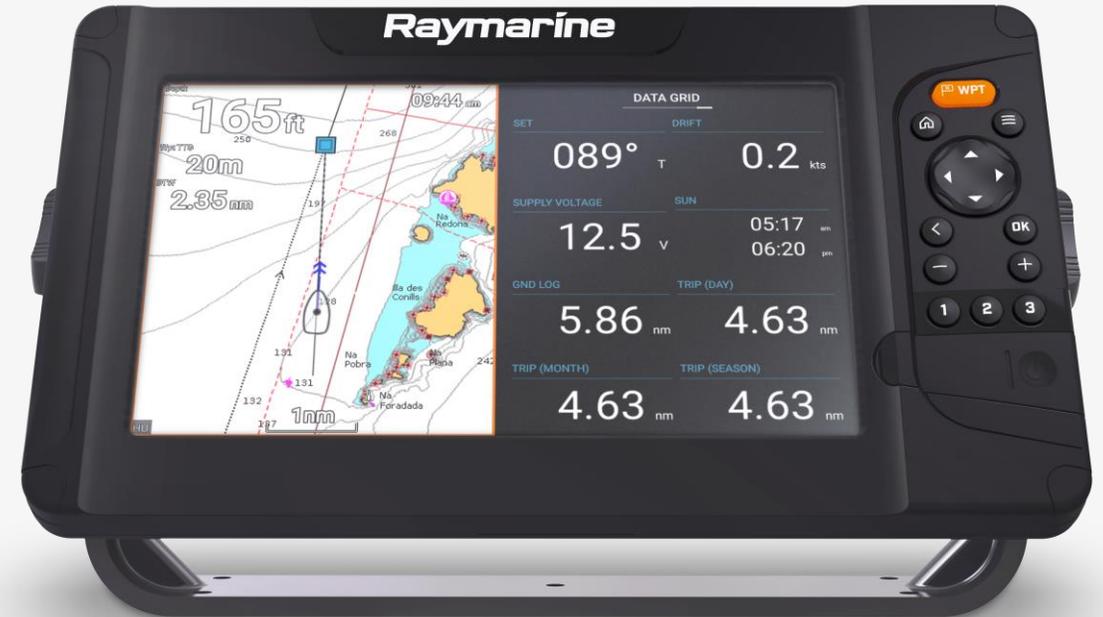
Trusted Cruising Companion

- Support for Raymarine LightHouse™ charts, Navionics, and C-MAP
- Map uncharted areas with Raymarine RealBathy™ personal sonar mapping
- Navigate safer with an optional Quantum™ wireless CHIRP radar
- Color-coded AIS overlays help you navigate congested waterways with improved awareness
- Built-in High CHIRP sonar for depth and bottom contour imaging
- Connect with NMEA2000-compatible AIS, autopilot, sailing instruments, engines, tanks, and VHF



Superior Performance and Value

- High contrast, high visibility 1,500 super bright display for all conditions
- Category-leading quad core processor delivers instantaneous chart redraw and responsive performance
- Fast and accurate built in 10hz GPS sensor
- Rugged build quality, backed by a three year warranty



Simple and Straight forward

- Uncluttered user experience – LightHouse Sport OS is easy to use and easy to customize to specific user preferences
- Oversized waypoint button for quick and easy marking of areas of interest
- 3 user-programmable quick keys to access your favorite pages with one button push
- Live menus allow you change settings and customize your charts while seeing the navigation display change in real time



Target Element S Customers

Cruisers and sailors who desire a high-quality, affordable navigation display with a simplified user interface, that is not burdened with complex and unneeded features

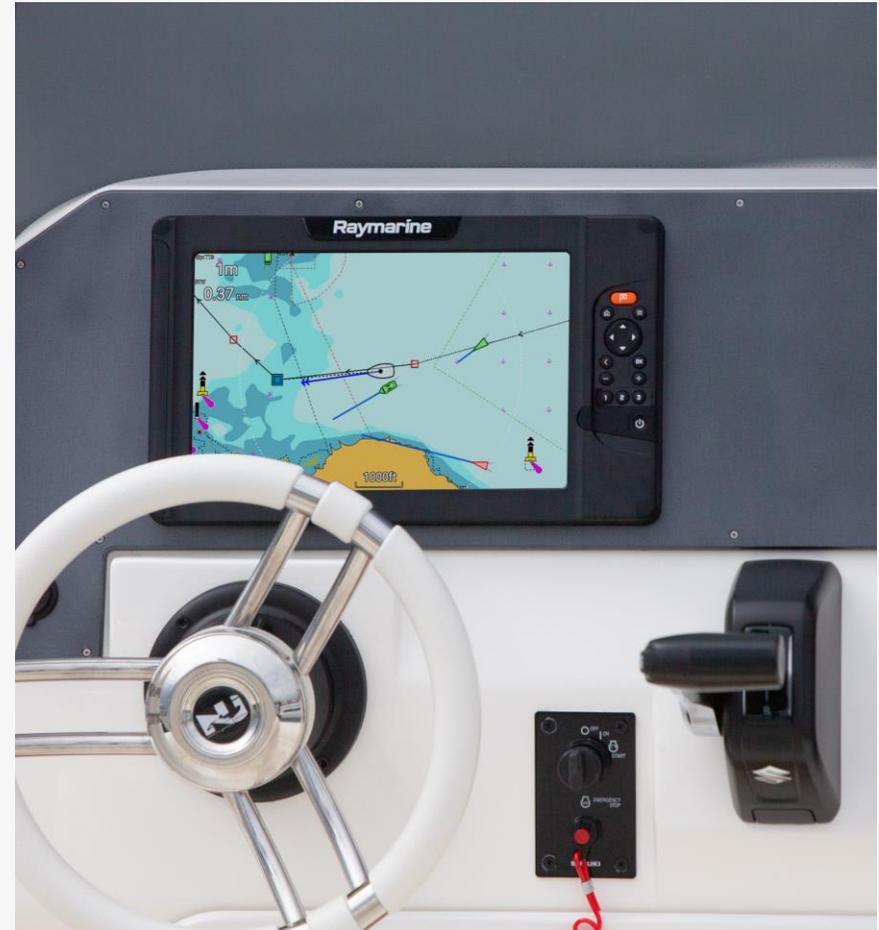
- **Best-matched boat types:**

- RIBs
- Runabouts
- Day sailor vessels
- Small weekender vessels



Key Features

- High visibility / high contrast 1,500 nit screens in 7, 9 and 12" sizes
- Quad-core, 64-bit processor running the new LightHouse Sport OS
- NMEA2000 networking for VHF, engine, tanks, AIS, wind, depth and speed transducers and other accessories
- Radar ready- Connect with Quantum™ radar over Wi-Fi
- Plentiful memory – store up to 5,000 waypoints in up to 200 different groups, 50 routes and 15 tracks
- Support for LightHouse, LightHouse NC2, Navionics, C-MAP and more
- Dedicated keypad controls to keep the screen free of fingerprints and debris
- High CHIRP sonar for basic fish finding and dependable bottom tracking



Radar Ready



- Connect with Quantum wireless CHIRP radar
- Award winning solid-state radar performance
- Legendary Raymarine radar target imaging on both long and extremely short ranges.
- Wi-Fi connectivity and a thin power cable simplifies installation
- Simplified radar solution for boaters that don't require advanced features like Doppler and MARPA target tracking found on Axiom

High CHIRP Sonar

- Single channel High CHIRP
- Outstanding ability to track bottom to depths of up to 900ft
- Basic fish finder for bottom material recognition during anchoring
- 9-pin transducer connector for direction connection of Raymarine



Same 9-Pin
Connector as the
CP100



Sailing and Cruising Features

- New sailing profile w/ boat icon and updated dashboard pages
- Support for expanded NMEA2000 Sentences (Wind, STW, etc.)
- Airmar Smart Sensor Support (DST800, P79S, etc.)
- Analog Transducer Support (via ITC-5; no calibration)
- MDS for certain data sources (Depth, STW, GPS and Wind)



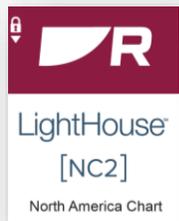
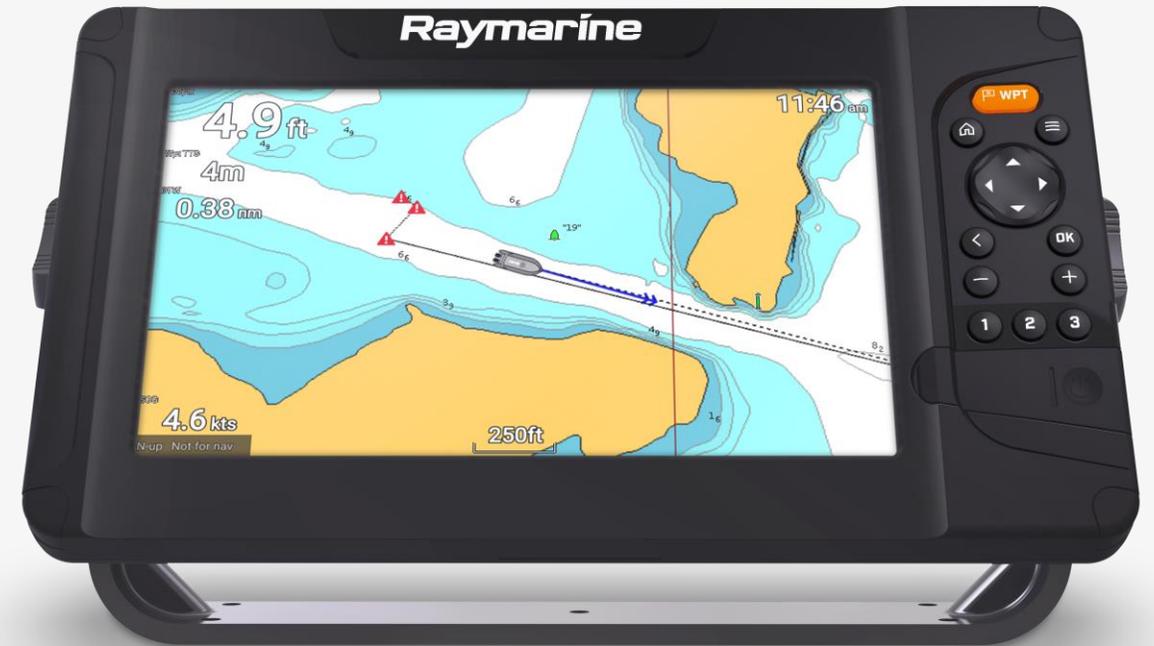
Expanded Peripheral Compatibility

- AIS compatibility (NMEA2000/SeaTalk^{ng} and standard 3rd party AIS modules)
- External NMEA2000 GPS antenna support (Ideal for hard top and pilothouse boats)



Cartography

- Support for Raymarine LightHouse, LightHouse NC2 Charts, Navionics, C-MAP and other regional charting options
- Region-specific retail packaging options with Navionics and LightHouse NC2 Charts



New LightHouse NC2 Chart

- New, Enhanced World Basemap
- Expanded Contour Mapping Coverage
- Fishing Hot Spots®, Tips & Waterway Intel
- Structure, Vegetation & Bottom Composition
- Points of Interest
- Navigational Aids
- Tide Stations & Predictions



Tides Mode

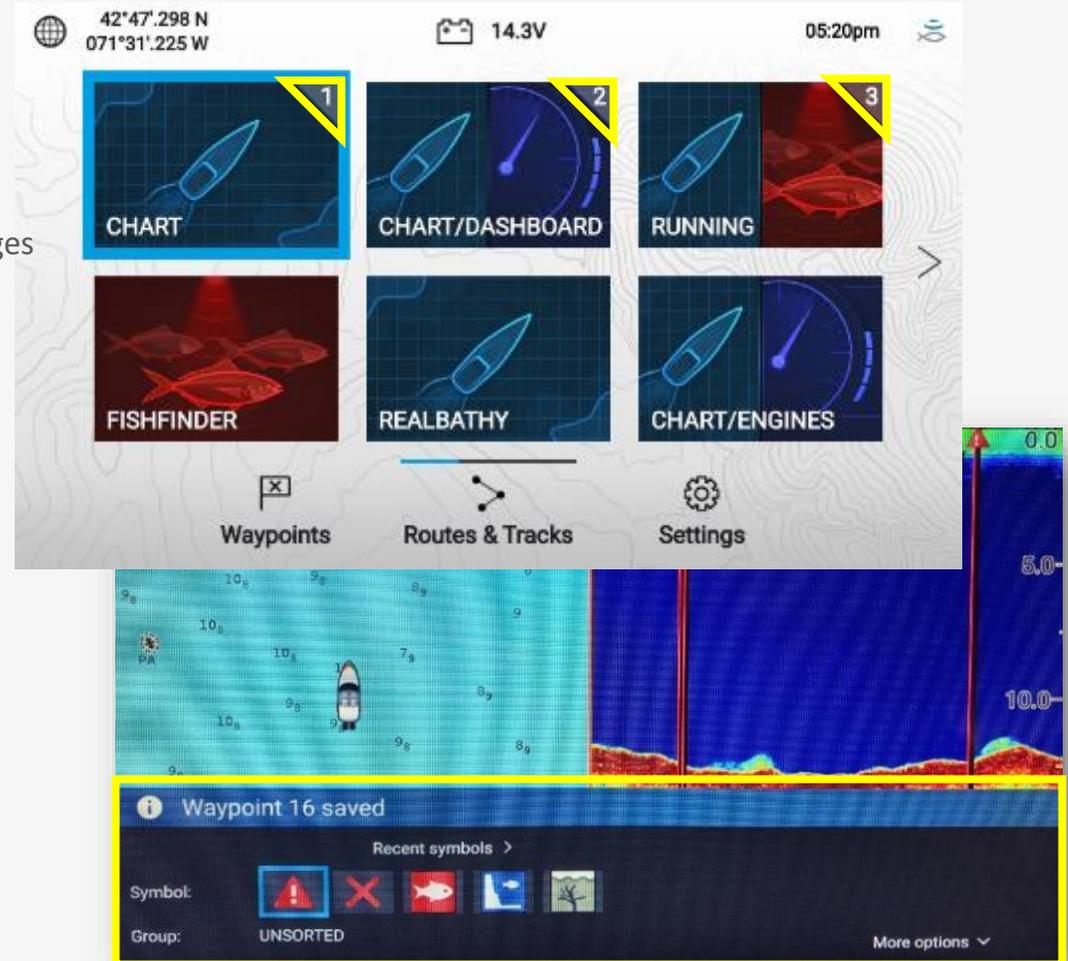
- Visual representation of multiple tide and current stations with tide, drift, set and current for 24 hour periods.
- Tides mode require a Navionics or LightHouse NC2 chart card



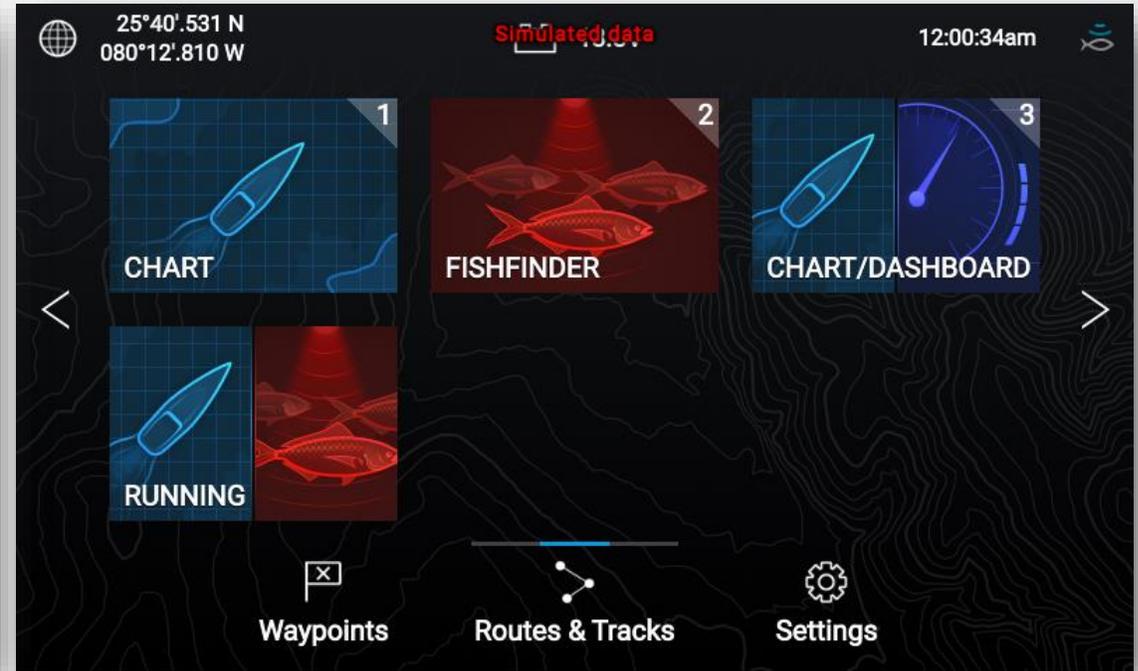
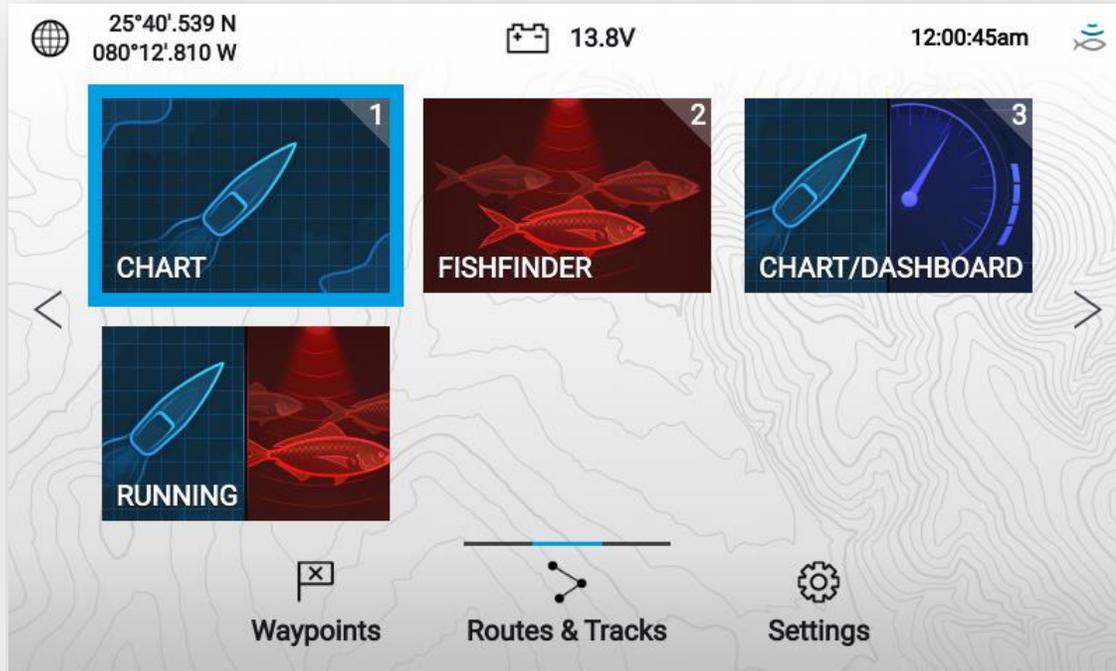
Activity-centric LightHouse 3 Sport OS



- Dedicated keys for the most common actions
 - Dropping waypoints
 - Zoom / Range Changes
 - User-programmable app keys to enable quick page changes
- New “most recent” waypoint menu
 - Allows quick access to the most commonly used waypoint symbols
- Plentiful Storage
 - 5,000 Waypoints (Up to 200 groups)
 - 50 Routes (Up to 250 waypoints each)
 - 15 Tracks (Up to 10,000 points each)



Light and Dark Color Palettes

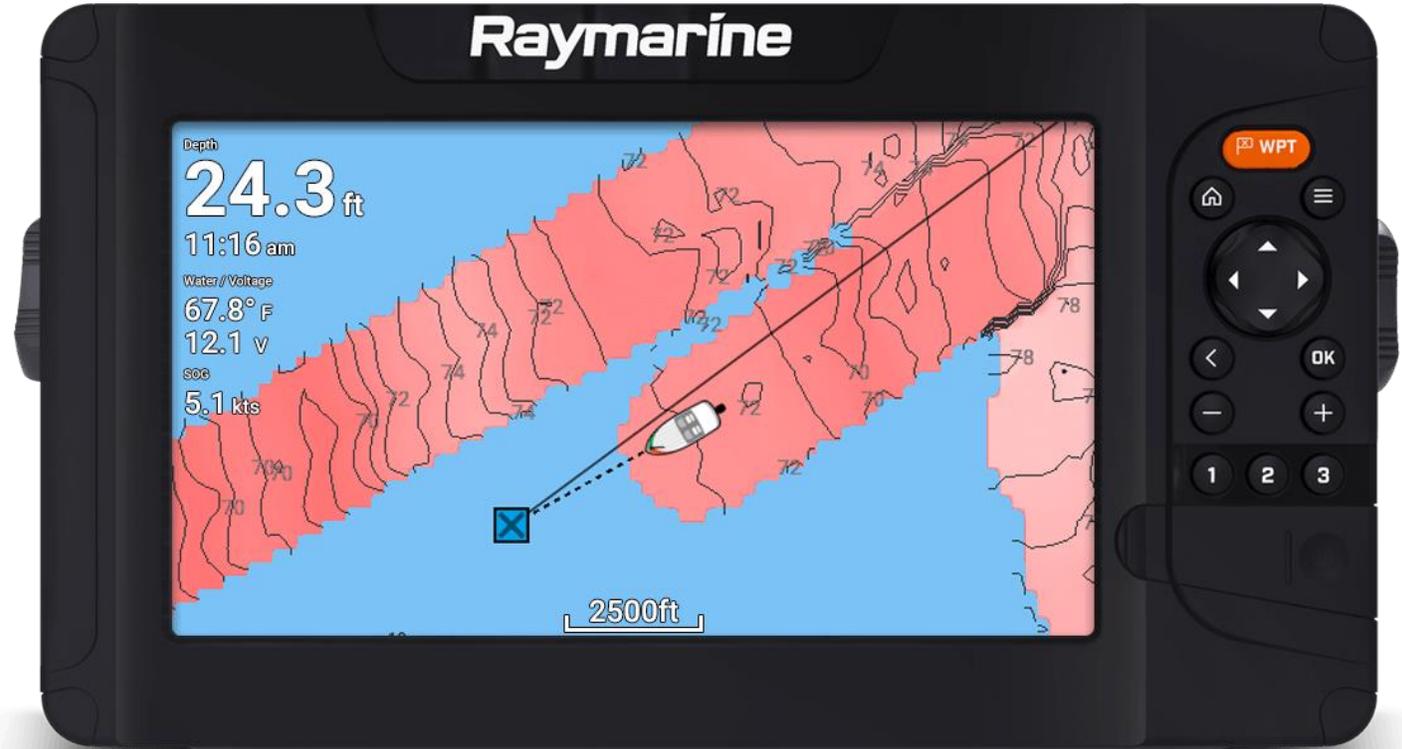


RealBathy

RealBathy™ Personal Sonar Map Generator

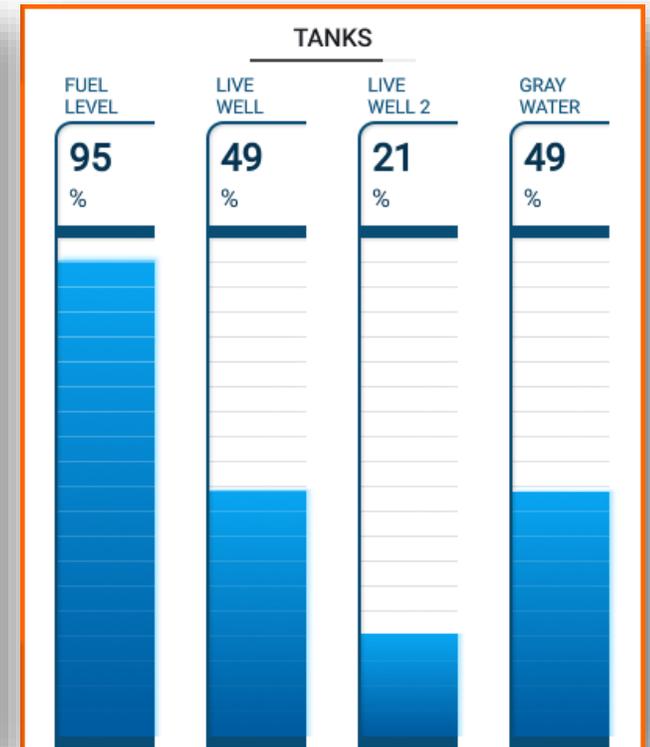
- Real-time 1 foot contours
- Variable overlay transparency
- Safe depth colorization

RealBathy is available on all Element products and does not require LNC2 cartography, but it does require a microSD card with available space inserted into the card reader.



NMEA Support

- Simplified support for small boat peripherals
 - Inputs
 - Engine information (Max 2)
 - Tank levels (Max 4)
 - Heading for chart stabilization
 - Outputs
 - GPS for VHF DSC



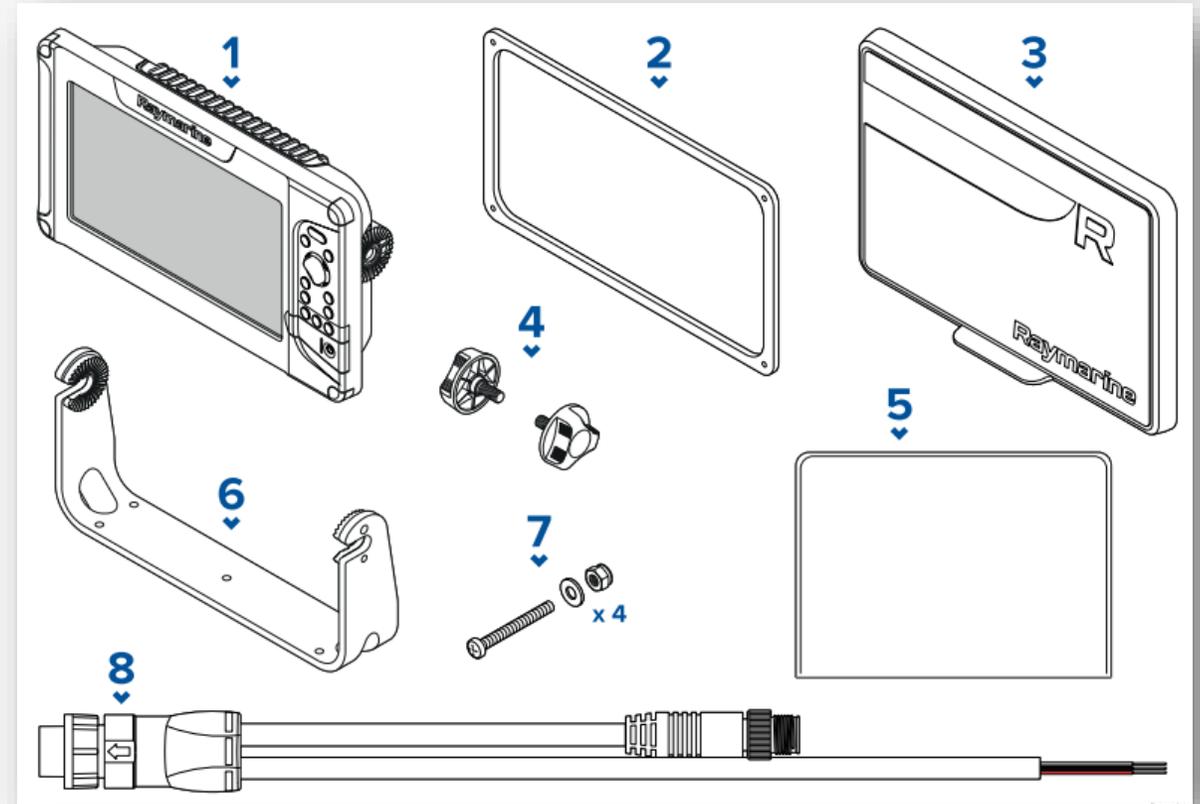
Element S Connectivity



- Connector #1: Shared NMEA2000/Power Cable from Axiom
 - Compatible Inputs
 - Engine information
 - Tank levels
 - Heading for chart stabilization
 - External GPS
 - Airmar Smart Transducers
 - AIS
 - Outputs
 - GPS for VHF DSC
- Connector #2: 9-Pin CHIRP CPT-S Transducer Port

What's in the box?

- Element S display unit
 - Flush mount kit w/ mounting hardware
 - Sun cover
 - Trunnion bracket w/ mounting hardware
 - Documentation pack
 - Power/NMEA2000 cable (1.5m)
- Cartography (optional)





QUESTIONS?

Thank You