

Tiburon CCR™ electronics feature list

- Full decompression system for multi-stage mixed gas decompression diving.
- SHEARWATER DiveCAN® Rebreather Controller circuitry.
- Two independent and powered network systems for redundancy.
- Depth, time and 3 oxygen sensor display.
- 3 sensor voting logic and Voting failed consensus solenoid deactivation.
- Voting failed decompression default. Decompression is calculated by lowest PO2 displayed by one of 3 sensors.
- Multiple battery power supply options: 1.5V Alkaline, 1.5V Photo Lithium, 1.2V NiMH, 3.6V Saft, and 3.7V Li-Ion for controlling handset.
- Independently powered oxygen injection system. Will run independently of handset controller. Power supply is one or two 9V batteries.
- ISC User replaceable modular electronic circuit component system.
- Shearwater DiveCAN® connectors rated for 2000fsw(606msw). Bluetooth® downloadable and upgradable.
- Full logging feature. Bluetooth compatible devices may access logs.
- Single gas calibration. (100% Oxygen) with gas saver manifold.
- Automatic altitude calibration and fixed sea level 1013mb pressure option.
- Shearwater DiveCAN® Mechanical button HUD and Shearwater NERD compatible.
- Buhlman ZHL-16C with adjustable Gradient factors.
- Optional VPM-B decompression model.
- Any air, nitrogen, and helium mix may be used.
- Full mixed gas bailout system.
- 5 CCR diluent gas selectable with override.
- O/C bailout 5 gas selectable with override.
- CCR dive planning feature.
- O/C bailout planning feature.
- Tilt compensated integrated compass in Handset with user calibration.
- Dive physiology data for CNS%.
- Last stop selection.
- Ascent rate indicator.
- Imperial and metric measurement option.
- Automatic off after 15 minutes on the surface.
- Depth sensor rating for 450fsw(140msw).
- Advanced Menu option for that adapts to diving status.
- No computer lockout for violations.
- Automatic configurable set point switching.
- User configurable set point low and high settings.
- 1000 hour logging.
- Future device upgrade options.

HUD:

- Simultaneously monitors the 3 Oxygen sensors.
- Modified Smithers code pattern.
- Independent calibration.
- Independently powered by 3.6V Saft and low battery indicator.
- Bright LED with Color Blind blink pattern.
- Red color used for all danger warnings.
- Automatic brightness control.
- Dive buddy warning light.
- Wet sensor activation.
- Orientation capable. HUD may be used on either side of DSV.
- DiveCAN® protocol with DiveCAN® cable connectors.
- Failed connection error indicator.
- Failed calibration error indicator.
- Failed sensor indicator.
- Crush pressure of 30 ata.