

#### **VT 4.1 Specs:**

- **Oceanic's Dual Algorithm:**
  - Pelagic DSAT (Spencer/Powell data basis)
  - Pelagic Z+ (Buhlmann ZHL-16C data basis)
- Wireless Air-Integration, Digital Compass
- **Advanced Digital Compass:**
  - 3-Axis Digital Compass
  - Full Tilt Compensation
  - Declination Adjustment (see NOAA's NGDC geomagnetic chart)
- Switch Between 4-Independent Transmitters, with up to 4-NITROX Mixes to 100% O<sub>2</sub>
- **Air Time Remaining (ATR):**
  - Calculates:
    - Current Depth
    - Tank Pressure
    - Breathing Rate
    - Ascent Time
    - Decompression Status
  - Combines Data for Accurate ATR
- **Dive Time Remaining (DTR):**
  - Calculation Combines Air Time Remaining
  - Nitrogen and Oxygen Absorption
  - Combines Data for Accurate DTR
- Deep Stop with Countdown Timer
- Gauge Mode with Run-Timer
- Watch, Norm (AIR/NITROX) Gauge, and Free Dive Modes of Operation
- Water or Push Button Activated
- Personal Conservative Factor Adjustments (PCFA)
- PCFA: Provides No Decompression Limits for Next Dive +3,000' (920 meter) Altitude Adjustment
- Altitude Algorithm Based on NOAA Model
- Altitude Adjustability from 2,000' to 14,000' (610 to 4,200 meters)
- Operational (NORM/Free Dive Modes) Depth of 330' (200 meters)
- Operational (Gauge Mode) Depth of 399' (120 meters)
- Smart-Glo Backlight with Adjustable Duration Function for Low Light Conditions
- Computer User Replaceable 3 Volt CR2450 Lithium Battery
- Transmitter User Replaceable 3.6 Volt CR2 Battery
- Battery Life, 300-Dive Hours
- Computer Battery Hot Swap to Retain-Dive-Data
- Computer Graphic Low Battery Indicator
- Alarm Acknowledgment, Ascent Rate Range, Ascent Rate Maximum
- Decompression Capacity of 10' to 60' (3 to 18 meters), Deep Stop Function
- Automatic Safety Stop Prompt

- Audible Alarms, Calendar/Clock, 24 Hour Time to Fly Countdown
- Dive Mode Displays, High O2 and PO2 Alarm/Warnings
- Calculated De-Saturation Fly Countdown
- 24 Dive On-Board Log Capacity (99 Free Dive)
- Temperature Display
- Nitrogen and Oxygen Tissue Loading and Loading Bar Graphs
- No Decompression Time Remaining, O2 Time Remaining, Variable Ascent Rate Bar Graph
- Set Max Depth Alarm, FO2 Value (%) for 3 Gases
- Max PO2 Alarm
- Free Dive Settings, Unit of Measurement Setting and Much More
- USB Cable, Oceanic Ocean Log PC Download, and PC Setting Upload
- User Upgradeable Firmware
- Improved User-Interface with Step Back
- Set Back: Easy Settings Preview & Settings to be Changed While Viewing Menus
- Customize Dive Mode Display with Multiple Data Options
- Confirm Common Pre-Dive Settings Defined by User
- Access Custom Shortcut; Choice of Display, Setting or Function