

New Valeport Software Includes Bonus Utilities

Valeport's™ latest operating software, Datalog X2, has been released and is now available for online download at no cost. This software is designed to interface, configure and download data from both legacy and new products and also includes bonus utilities. Datalog X2 ensures Valeport products will work across new software platforms, and an embedded Terminal X2 programme offers wider functionality to those not able to use other Terminal packages such as Hyperterminal.

Terminal X2 will work with any [Valeport instrument](#) that communicates via serial RS232, although functionality maybe limited with some older instruments. Datalog X2 and Terminal X2 have been tested on Windows XP, Vista 7, 8 and 8.1. Datalog X2 is compatible with the following instruments and can replace Datalog, Datalog Express and Tidelog software packages.

- Model 106, 108, 308 and Midas ECM current meters
- miniSVS, IPS, TIDE, CTD and SVP
- Monitor CTD and SVP
- Monitor CTD & SVP
- Midas CTD, SVP, SVX2 & WLR
- Model 740 Tide Gauge

A further utility included in the Datalog X2 bundle, is a Seawater Calculation utility for manual checking of data. Users can simply input conductivity/salinity, pressure temperature (in IPT68 or IPT 90 scales) and latitude (if known), then click the Calculate button. The programme will calculate and display the following parameters:

- Density Anomaly Gamma (Calculated Density – 1000kg/m³)
- Conductivity or Salinity (whichever the user did not enter)
- Sound Speed calculated using the chosen Speed of Sound Formula
- Depth in metres calculated using the UNESCO standard formula. This is an approximation, and will not account for variations in density distribution throughout the water column. Its accuracy has been estimated to better than 0.1m.

Datalog X2, available as [a free download](#), will be issued with new products from February 2015 and is largely used in conjunction with Valeport's [Tide Gauge](#), Sound Velocity Profiler, [CTD](#) (like the [Monitor CTD](#) and the [Midas CTD](#)) and Current Meter product ranges.