

/DA4G

Benefits

High quality, reliable and rock solid acquisition

Survey Engine® and GeoSurvey® compatible

Minimal field setup

Expert 24x7 Technical Support



Compact, rugged and reliable fourth generation of geophysical acquisition systems

The DA4G[™] series of acquisition systems from the CodaOctopus:GEO family provides high quality, robust and reliable data acquisition from the latest digital and analogue sidescan sonar and sub-bottom profiler sensors.

DA4G is the 4th generation of our successful DA series[®] and is built on twenty years of knowledge, experience and innovation in supplying unparalleled products and service to the worldwide geophysical survey sector. These purpose-built, turn-key, systems incorporate the very latest hardware specifications and are designed and delivered to meet the demanding nature of offshore survey work.

With a series of options within the DA4G range and backed up with unrivalled global service and support, CodaOctopus:GEO remains the family of choice for advanced geophysical solutions.

Features

- Compatible with all leading sidescan sonars and sub-bottom profilers in digital or analogue formats
- State of the art, workstation-class hardware platform
- Windows 7, 64 bit Operating System
- Up to 4 analogue input channels
- Dual independent simultaneous triggering
- Triple monitor support (2x HDMI or DVI-D, 1x VGA)
- Dual printers via network or parallel ports
- Magnetometer input
- Includes GeoSurvey software and fully compatible with the new Survey Engine range of processing software

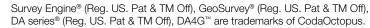








System Variants				
Model	Triggers	Channels	Interface	Additional Information
DA4G 500	1	2	SSS or SBP	Dual Monitors
DA4G 1000	1	4	SSS & SBP separately	As DA4G 500 with multiple display windows
DA4G 2000	2	4	SSS & SBP simultaneously	As DA4G 1000 with dual printing and multiple sensors
Technical Specific	cations			
Inputs & Output	ts			
Digital Sonar Interfaces			Full range of EdgeTech, Klein, Benthos, GeoAcoustics, and SES geophysical sensors, as well as RESON & ATLAS multi-beam back scatter	
Analogue Sonar Inputs			Adjustable analogue input ranges compatible with all analogue sidescan sonar outputs and sub-bottom profilers including direct hydrophone connection. Improved low voltage performance	
Additional Sensors			Heave and Magnetometer inputs	
Trigger Inputs		Standard TTL input. Up to 2 independent triggers		
Trigger Outputs		Standard TTL output. Up to 2 independent triggers		
Navigation & Fixes		Large navigation library as standard with ability to create customised string decodes		
Printer Interfaces		Up to two independent printers using parallel or Ethernet interfaces. Octopus, EPC, Alden, ISys are all supported		
Network			Dual Autosensing Gigabit Ethernet Adapters for data recording and interface to digital sonars	
Display		Up to 3 monitors supported (2x HDMI/DVI-D, 1x VGA)		
USB		6x USB (2 front, 4 rear)		
Serial Ports		2x RS232 serial ports		
Data Recording				
Devices		Internal hard disk, external hard disk (USB), remote recording to network drive, DVD RAM		
Formats		CODA, SEG-Y, XTF. Both raw and processed data can be recorded		
Display				
Modes		Vertical and Horizontal scrolling windows in both directions, single or dual channel; Oscilloscope window; Zoom windows; Fix & Scale lines; Attribute plotter		
Processing				
Sidescan		Time Varying Gain; Image Enhancement; Across Track Smoothing; Along track speed correction; Automated Bottom Tracking; Measure tool; Mosaicing optional		
Sub-bottom		All Sidescan options plus: Time Varying Filtering; Swell Filter; Heave Filter; Trace Mixing (Stacking)		
Interpretation Ext	ensions			
Survey Engine Seismic+			State of the art seismic processing and interpretation package	
Geokit Sidescan		Interpret and report sidescan targets. Fully customisable reporting solution		
Mosaic		Extensive and extremely powerful Mosaicing output		
Geokit on Mosaic		Interpret and report directly on the sidescan sonar Mosaic		
Pipeline Inspection		Automated and manual Pipeline Inspection Toolkit		
Physical				
Dimensions		19" 1U rack-mountable system (19" x 14" x 1.75")		
Processor		Intel Core i7 610E 2.53 GHz		
RAM		Up to 8GB (4GB standard)		
Hard Disk		500GB 7200 RPM SATA		
DVD		DVD Multidrive R/W +- RAM compatible		
Power		Universal AC (90-132V, 180-264V AC @ 47-63Hz, auto-ranging)		
Shipping Case			Custom foam fitted Peli-case	
			Survey Engine® (Reg. US. Pat & TM Off). GeoSurvey® (Reg. US. Pat & TM Off).	





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Due to continuous product development, we reserve the right to alter the specification without notice. Issue 1 (03.12). Sales: +44 131 553 1380 Sales Americas: +1 888 340 2627 Technical Support Americas: +1 888 340 2632 Technical Support: +44 131 553 7003 More Information: sales@codaoctopus.com www.codaoctopus.com