

Accessories

SENSOR DATA ACQUISITION SYSTEMS

- ▼ Lightweight, Pocket-Sized
- ▼ Stand-alone, High Memory Capacity
- ▼ Fast, Easy Setup - No Programming
- ▼ One Button Graph Generation



AD2012 Inertial System Data Logger

The AD2012 is a complete stand-alone data acquisition system, including a pocket-sized logging unit, Configuration & Analysis Software and all accessories. The system provides a method for logging data directly from Crossbow inertial systems. The AD2012 logging unit will operate from a 9 volt battery for up to 3 months.

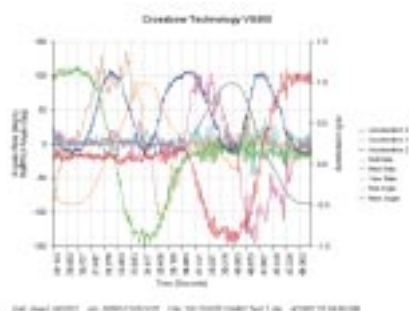
The AD2012 is an enhanced data acquisition system with 2 megabytes of memory, 12 input channels, and peak-record and event duration filter mode options for use with Crossbow Inertial Systems. The AD2012 works with power supplies of 8-35 Volts and includes transient and surge protection to 80 Volts.

The full-featured Configuration & Analysis Software is shipped with each system and enables immediate use of the system right out of the box. The form-based setup is

extremely intuitive and makes immediate use of the system possible, for evaluation and useful data collection with Crossbow inertial systems. Once data has been recorded, a single mouse click retrieves the data into a built-in spreadsheet, from which another mouse click generates a pre-formatted graph for immediate analysis. The Configuration and Analysis Software runs on Microsoft® Windows®.

The AD2012 logging unit records from all 8 analog and 4 digital inputs (or selected inputs) simultaneously, as fast as 500 samples per second, with a single touch of a button. Alternately, recording maybe triggered by a specified condition on the input signal levels, thus eliminating unwanted information.

inertial systems



Ordering Information

Model	Description	Input Range	Samples	Supply Voltage
AD2012	Inertial System Logger	0-5V, -5-5V	540,672	8-35V

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