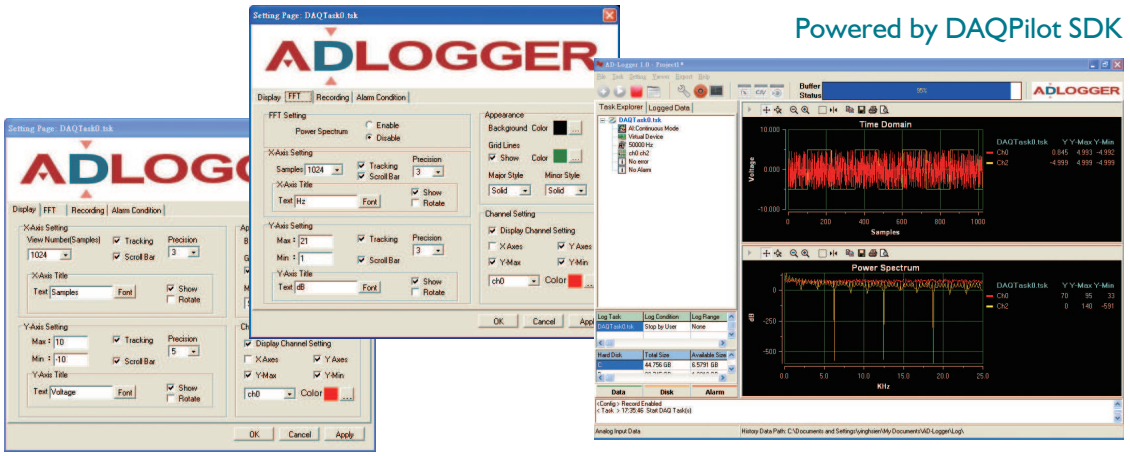
AD-Logger

ADLINK Configuration-based Data Logger



Powered by DAQPilot SDK

Features

- Log data based on DAQPilot task configurations
- Supports both real-time and historical viewer
- Supports intuitive user interface as a ready-to-run application
- Supports exporting data functions for offline analysis in third party applications, including Microsoft Excel, NI® DIADem, and MathWorks MATLAB®
- Supports all ADLINK DAQ hardware functions
- Provides basic embedded analysis functions, such as FFT
- Provides monitoring features via a user-friendly toolbox
- Provides a buffer monitoring mechanism to automatically evaluate and display the data processing system status

Introduction

There are two general categories of software that can be used for PC-based data logging applications:

- Turnkey software, also known as configuration-based software that interface with your measurement hardware to acquire and log data
- Application development environments that depend on corresponding signal condition solutions.

ADLINK's AD-Logger is a turnkey software logger which provides a productive, flexible solution for data acquisition applications. In addition to performing basic tasks such as acquiring data and logging it to disk, data logging software tools should provide a means to handle the configuration of measurement hardware, scaling of data from channels of the system. ADLINK's AD-Logger is a configuration-based software tool that you can use to define and execute data logging tasks. AD-Logger provides basic data logging and acquisition tools for all ADLINK DAQ devices, in addition to providing data collection and monitoring functions, such graphing collected signal data, zoom observation, file saving, and dynamic transfer to third-party software (i.e. Microsoft Excel, NI® DIADem, and MathWorks MATLAB®) for post analysis. A system with compatible ADLINK DAQ devices and AD-Logger installed allows immediate data collecting and monitoring after the sampling conditions are easily configured via ADLINK's DAQPilot interactive wizard without the need for any programming.

Benefits of AD-Logger

- No programming necessary; leave the complexity to DAQPilot
- High-speed sampling and graphing
- Long- term logging with alarm and event functions
- Modularized design, supports new hardware with new DAQPilot drivers
- Supports virtual device operation
- Seamlessly interfaces with third-party analysis software

Obtain Waveforms in Only Four Steps

Step 1: Configure the DAQ step-by-step with the DAQPilot configuration wizard

Step 2: Configure the recording options and graph settings

Step 3: Begin recording and observe real-time data display

Step 4: Cease recording, retrieve history data from saved files, and export data for post processing

Supported Modules

- **ADLINK PCI/PCIe/cPCI Series DAQ Cards**
  7200, 7224, 7230, 7233, 7234, 7248, 7250, 7252, 7256, 7258, 7260, 7296, 7300, 7348, 7350, 7360, 7396, 7432, 7433, 7434, 7442, 7443, 7444, 7452, 8554, 9111, 9112, 9113, 9114, 9118, 9221, 9222, 9223
- **ADLINK DAQ/DAQe/PXI-2000 Series DAQ Cards**
  2005, 2006, 2010, 2016, 2204, 2205, 2206, 2208, 2213, 2214, 2501, 2502
- **ADLINK PCI/PXI Digitizers**
  9810, 9812, 9816, 9820, 9826, 9846

Ordering Information

Please visit http://www.adlinktech.com/MAPS/AD-Logger.html for more information

- **AD-Logger**
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