

Software Overview

NEW



ADLINK DAQ Driver/SDK

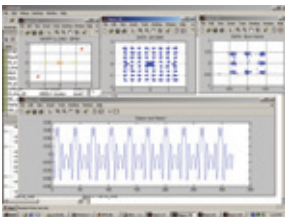
- Task-oriented driver
 - DAQPilot for Windows
 - DASK (legacy) drivers
 - PCIS-/D2K-/WD-DASK for Windows
 - PCIS-/D2K-/WD-DASK(X) for Linux

NEW



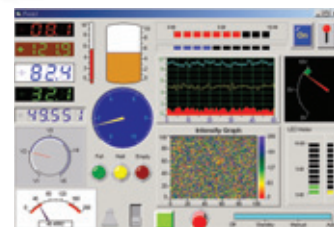

Ready-to-Run Test & Measurement Applications:

- DAQMaster: ADLINK Configuration-Based System Manager
- DAQCreator
- DAQStreaming

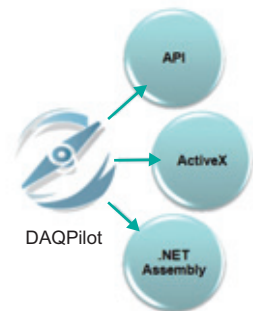
Use ADLINK Data Acquisition Cards in Third-Party Software:

- LabVIEW™
- MATLAB®

MATLAB Enabled

MathWorks Partner



Easily write your programs using ActiveX Controls and .NET Assembly




- DAQPilot task-oriented .NET Assembly and ActiveX Controls
- DAQBench®

Introduction

ADLINK Technology Inc., a leading provider of high-performance, high-quality data acquisition cards and platforms, delivers robust software support for its comprehensive line of DAQ cards with varying form factors including PCI Express®, PCI, CompactPCI®, and PXI™. ADLINK offers support not only for mainstream

Windows® and Linux® operating systems, but also for third-party applications including LabVIEW® and MATLAB®. In addition, ADLINK provides .NET Assembly and ActiveX® Controls for measurement, and breakthrough proprietary software applications.

ADLINK Software Supporting Microsoft® Windows® Frameworks

ADE	VB.NET/C#.NET/VC++/VB/Dephi/BCB etc.	LabVIEW	MATLAB	 DAQMaster Configuration based System Manager For ADLINK DAQ Devices	
Library	DAQBench PCIS-/D2K-/WD-OCX ActiveX Control	DAQPilot  ActiveX Control .NET Assembly	ADLINK DAQ-VIEWPnp VI Library		ADLINK DAQ-MTLB DAQ Toolbox
Driver	D2K-/PCIS-/WD-DASK	DAQPilot Drivers (Task-oriented) 			
Operating System	Windows 98/NT/2K/XP/Vista x86		Windows XP x64/Server 2003 x 64/Vista x64		
ADLINK DAQ Cards (General-Purpose DAQ, Digital I/O, Analog Output, Performance DAQ, PXI, High-Speed Digital I/O, Digitizer)					

ADLINK Solutions for Users' Software Support Requirements

Support Requirements		ADLINK Solution(s)	Page
Windows® Driver/SDK	One task-oriented Windows® driver for all ADLINK devices.	DAQPilot	1-2
	Save development time and shorten learning curve	DAQPilot	1-2
	Windows Vista™ support	All software/drivers for Windows are verified	--
	Experienced ADLINK DASK programmers who require up-to-date drivers/SDK compatible software for their DASK-based applications.	PCIS-DASK, D2K-DASK and WD-DASK	1-4
	Programmers who want to have more flexibility and learn detailed DAQ functions before using DAQPilot Wizard.	PCIS-DASK, D2K-DASK and WD-DASK	1-4
	Get active notification when a digital change-of-state (COS) occurs.	PCIS-DASK, D2K-DASK and WD-DASK	1-4
	64-bit edition Windows® support	DAQPilot DASK 64-bit kernel drivers	1-2 1-4
Linux® Driver/ SDK	Driver and ELF shared library for Linux	PCIS-DASK/X, D2K-DASK/X and WD-DASK/X	1-6
Configuration on DAQ devices	Basic functional test	DAQMaster device manager	1-8
	Configure ADLINK DAQ devices	DAQMaster device manager	1-8
	Check for the latest versions of ADLINK software	DAQMaster software manager	1-8
	Manage DAQPilot DAQ Tasks	DAQMaster task manager	1-8
.NET & ActiveX® support	.NET support	DAQPilot .NET Assembly	1-2
	One ActiveX® Control Interface for all ADLINK DAQ devices	DAQPilot ActiveX® Control	1-2
	ActiveX® Controls for data display, numeric analysis, and application integration	DAQBench	1-12
LabVIEW™ & MATLAB® Support	Use ADLINK DAQ products in LabVIEW™ (up to version 8.5)	DAQ-LVIEW PnP	1-10
	Use ADLINK DAQ products in MATLAB® (up to version 2007b)	DAQ-MTLB DAQ Toolbox	1-11
Others	Find sample programs	DAQMaster software manager	1-8
	Data acquiring, displaying, and analyzing in one integrated interface	DAQCreator	1-9
	Retrieve on-line pin assignment and illustration	DAQMaster device manager	1-8