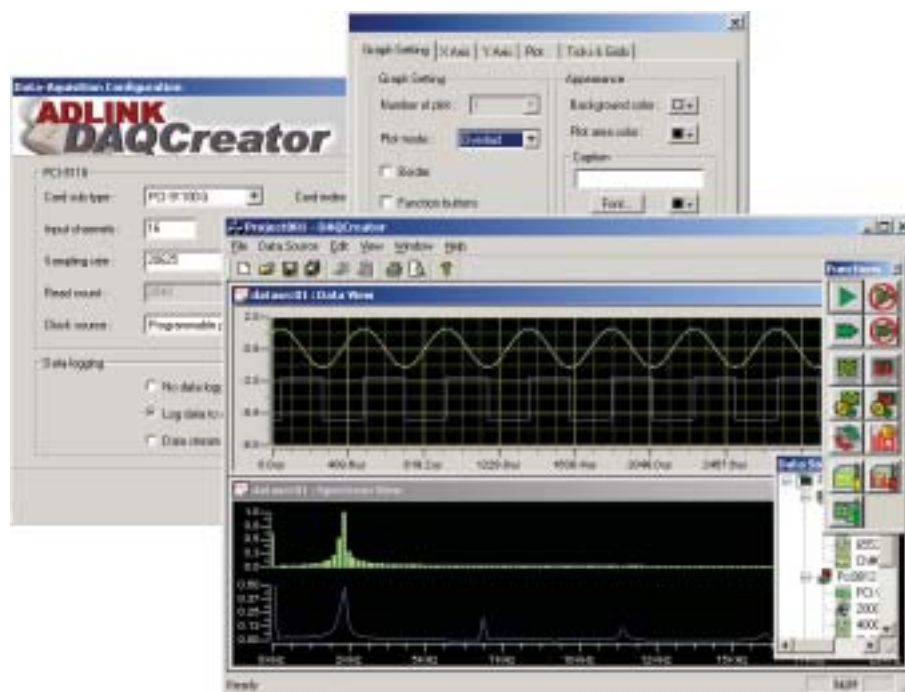


# DAQCreator

## Smart & Easy-to-Use Data Acquisition System Creator



### Features

- No programming needed
- Acquiring & displaying data with single mouse click
- Maximal 40MB/s stream-to-disk data throughput with
  - • Adapter Ultra-160 or above SCSI adapter
  - • SCSI hard disk drive
- Real-time FFT and spectrum display
- Support concurrent execution for multiple DAQ cards
- Smart Wizard for DAQ cards & data/spectrum views setting
- Export acquired data to
  - • Normal text file (.txt)
  - • Excel file (.csv)

### Introduction

DAQCreator is ready-to-run data acquisition software for acquiring, displaying, analyzing and storing the data from ADLINK's data acquisition cards. With a smart Wizard and intuitive panels, users can easily configure the data acquisition setting, change the appearance of data displaying, perform FFT to acquired data, and store data to hard disk drive. Another remarkable feature is 40MB/s stream-to-disk data throughput. Combining with the advance SCSI technology, DAQCreator provides a cost-effective solution for high-speed data logging applications.

### Specifications

#### Easy data acquisition/display

- Project Wizard for configuring data acquisition task
- Customizable Data View for displaying the acquired data
- Customizable Spectrum View for displaying the signal spectrum

#### High-speed stream data to disk

- Adopt the advanced SCSI technology
- Data throughput is up to 40 MB/s

#### Real-time FFT spectrum analysis

- Perform real-time FFT to the acquired data
- Number of data can be  $2^n$  or not  $2^n$

#### Intuitive user interface

- View panel for zoom-in, zoom-out, scrolling the data pattern
- Operation panel for start, stop, and configure the DAQ task

#### Data exporting capability

- Acquired data can be exported to
  - • Text file (.csv)
  - • Excel file (.xls)

### Hardware Support

- PCI-9111 DG/HG
- PCI-9112/cPCI-9112
- PCI-9113
- PCI-9114 DG/HG
- cPCI-9116
- PCI-9118 DG/HG/HR
- PCI-9812/9810
- PCI-7200
- PCI-7300A

### Ordering Information

- DAQCreator
- Smart and easy-to-use data acquisition system creator

1  
Software  
Solutions

2  
PXI/  
CompactPCI  
Platforms

3  
PXI-Based  
Instruments

4  
PXI/  
CompactPCI  
Modules

5  
PCI DAQ  
Cards

6  
PCI DIO  
Cards

7  
PC/104-Plus  
Products

8  
ISA DAS/  
DIO Cards

9  
Wiring  
Termination  
Boards

10  
Motion  
Control  
Cards

11  
Machine  
Vision  
Products

12  
Remote I/O  
Modules