



Personal DaqView™

Out-of-the-Box™ Software



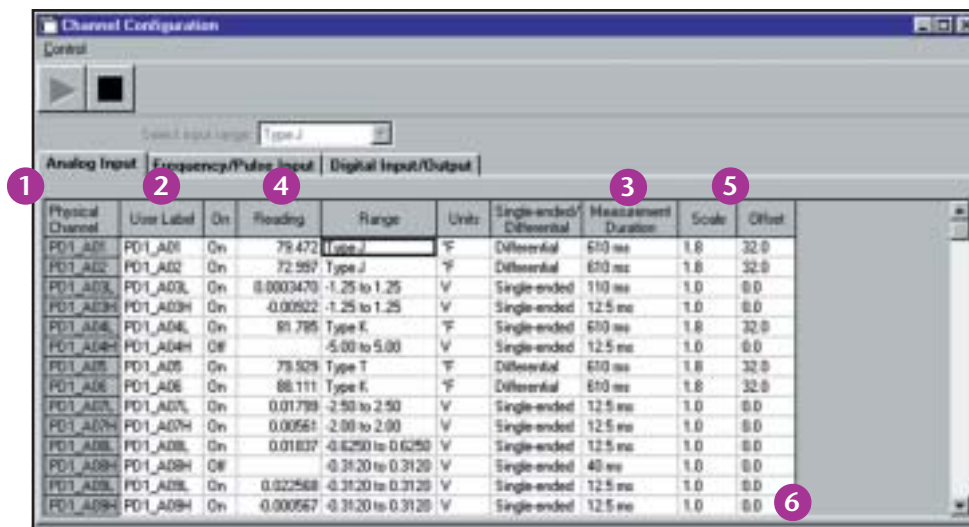
Personal DaqView™, IOtech's included *Out-of-the-Box™* graphical data acquisition software, is an easy-to-use yet powerful application. It allows users to configure a test, and display or record data within minutes, without programming. Together

with included eZ-PostView™ post-acquisition viewer software, Personal DaqView offers the most functionality of any free software of its kind.



Personal DaqView lets the user:

- 1 Select one of any Personal Daqs connected to the system
- 2 Set up, configure and display analog, frequency, counter and digital I/O channels in real time
- 3 Easily and quickly configure acquisition parameters such as trigger events, stop events and acquisition scan rates
- 4 Acquire analog, frequency, and digital I/O channels to disk in real time
- 5 View real-time analog, frequency, and digital I/O using extensive charting and metering displays
- 6 View acquisition status at a glance, including triggered time/date, acquisition progress, as well as acquisition destination file



The Analog Input screen allows the user to:

- 1 Easily configure analog input channels such as voltage and temperature measurements
- 2 View channels through both a physical channel description or a user-defined channel description
- 3 Select the minimum measurement duration for a channel on a per-channel basis
- 4 Display real-time readings of active or enabled channels
- 5 Apply scale and offset for real-time mX+b operation
- 6 Have the spreadsheet automatically “grow” as more channels are added to the system



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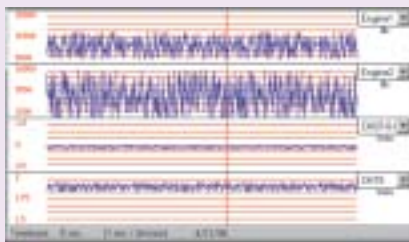
Custom Real-Time Displays

Personal DaqView allows the creation of customized real-time displays using built-in display options, including digital, dial meter, bar graph, and strip chart displays. No programming is required — simply point, click, and drag desired display options to create a custom screen.



Dial Meter

Personal DaqView allows up to 32 channels to be shown in a dial display format. Each dial indicates instantaneous levels, as well as peak hold and trends.

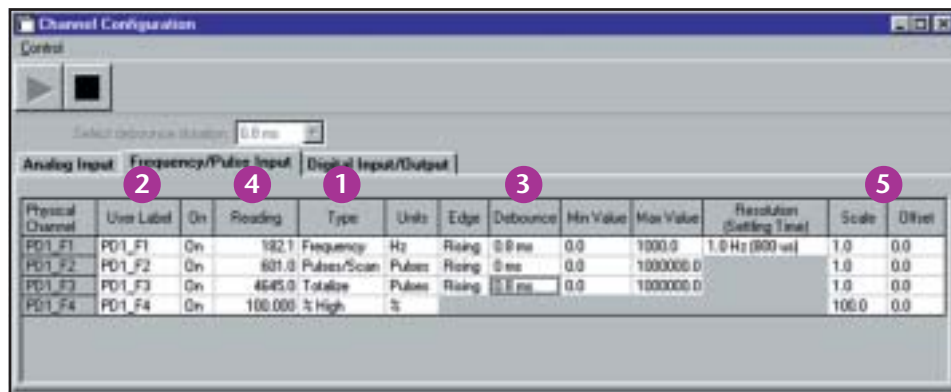


Strip Chart

Display up to 16 smooth-scrolling strip charts of data, all of which scroll at the same rate, and define a full-scale range for each individual channel, as well as adjust the scroll rate to 14 different speeds.

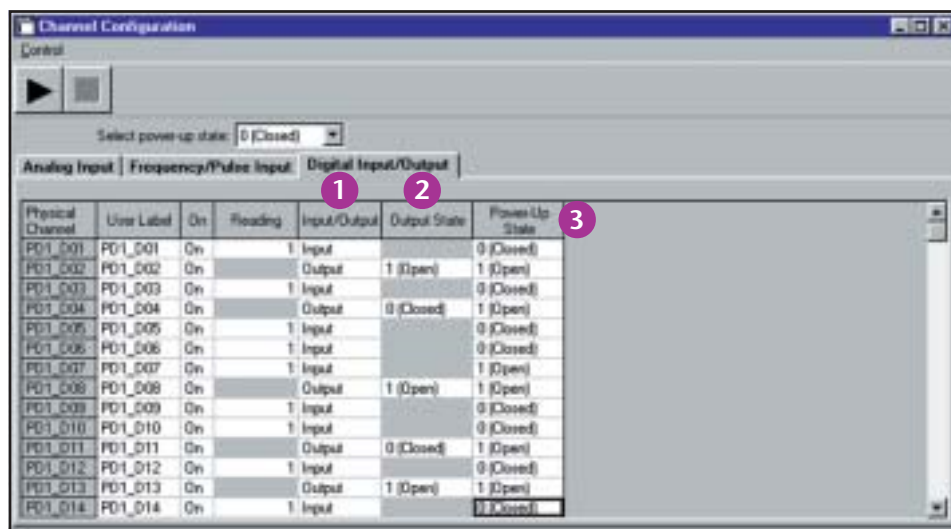
Ordering Information

Personal DaqView is included free with Personal Daq systems. More functionality can be added using the software options described on the next page.



The Frequency/Pulse Input screen allows the user to:

- 1 Easily configure counter channels as frequency, pulse counting, totalized, or duty cycle inputs
- 2 View channels through both a physical channel description or a user-defined channel description
- 3 Set counter input signal debounce, input frequency range, and counter edge sensitivity on a per-channel basis
- 4 Display active or enabled frequency/counter channels in real time
- 5 Apply scale and offset values for real-time $mX+b$ operation



The Digital Input/Output screen allows the user to:

- 1 Read the current state of all digital input channels
- 2 Manually set the state of each digital output channel
- 3 Set the default power-up state for each digital output channel



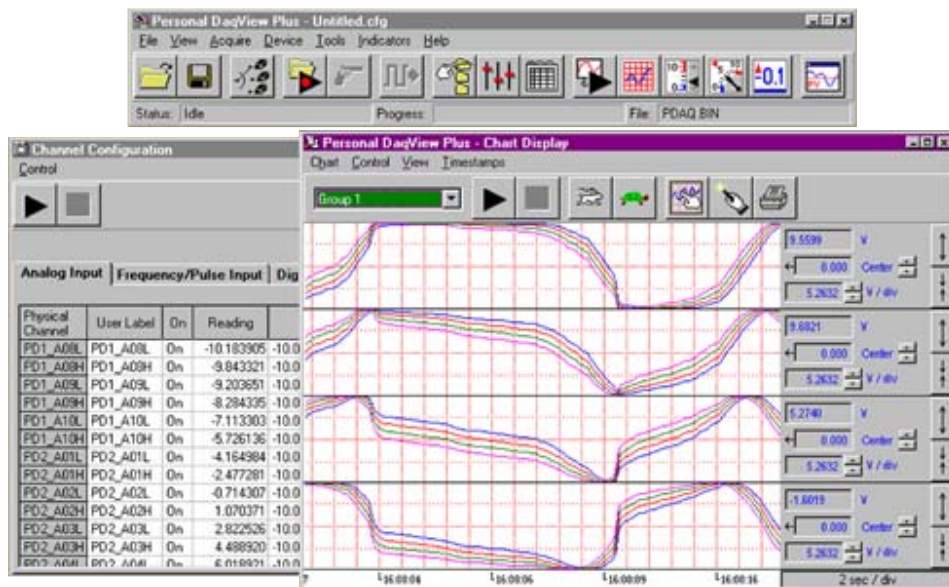
Personal DaqView™

Out-of-the-Box™ Software Options

Personal DaqView Plus™

Optional Personal DaqView Plus software provides advanced charting capabilities, including multiple traces per chart, multiple chart groups, and support for up to 100 Personal Daq devices attached to one PC.

- Allows display groups to be created for customized viewing
- Supports up to 100 Personal Daq devices



Personal DaqView Plus provides display of multiple channels in one chart

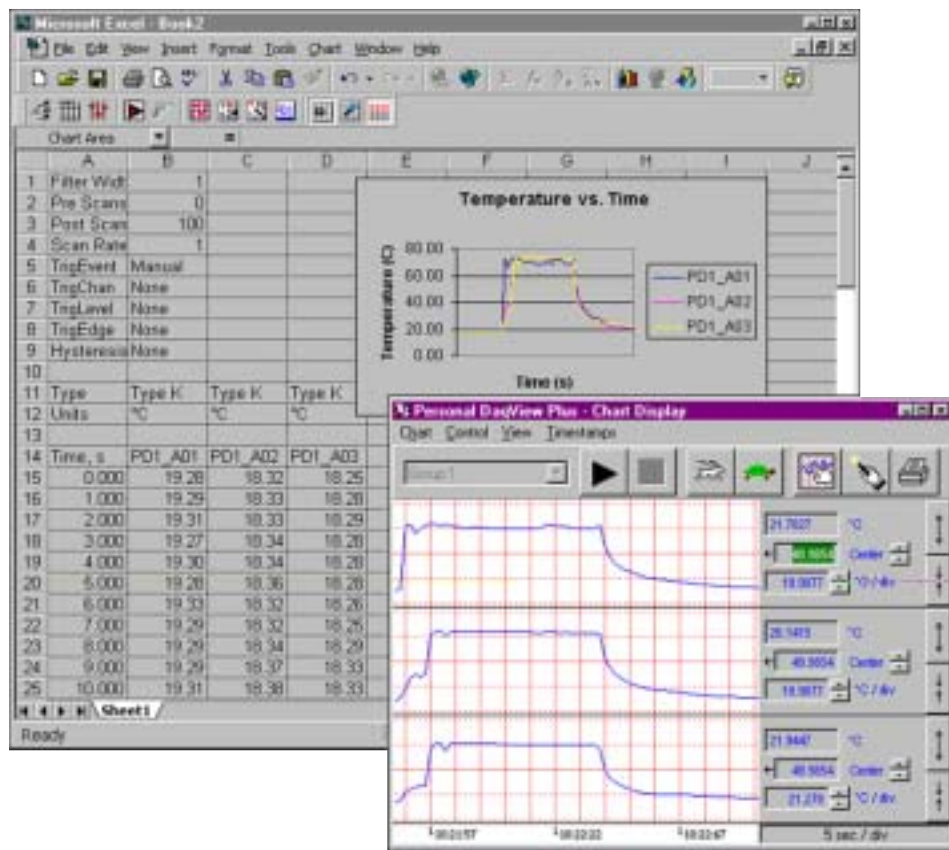
Personal DaqViewXL™

Optional Personal DaqViewXL software allows Personal DaqView or Personal DaqViewXL Plus to execute seamlessly from within Microsoft® Excel's tool palette. Acquired measurements are inserted directly into an Excel spreadsheet in real time.

- Allows formula creation on acquired data
- Provides control of acquisition from spreadsheet

Personal DaqViewXL Plus™

Optional Personal DaqViewXL Plus combines the features of Personal DaqView Plus and Personal DaqViewXL into one package.



Personal DaqViewXL allows display of collected data with Excel and software package charts

Ordering Information

Description	Part No.
Spreadsheet-style software (included)	Personal DaqView
Enhanced functionality for Personal DaqView	Personal DaqView Plus
Microsoft Excel add-in for Personal DaqView	Personal DaqViewXL
Package combining the features of Personal DaqView Plus and Personal DaqView XL	Personal DaqViewXL Plus
Optional hardcopy Personal DaqView user's guide	491-0901