



eZ Software Overview

Post-Acquisition Analysis Software

Features

- Provides frequency- and time-domain analysis capability for IOtech data acquisition products
- Easy-to-use graphical interface requires no programming skills
- View waveform data in both time- and (optionally) frequency-domain simultaneously, including strip chart
- Wide selection of analysis features, including FFT's, integration/differentiation, and much more
- Report generation capability includes peak annotation, zooming, and copy/paste into other applications including Microsoft Excel®

eZ-PostView™, eZ-TimeView™, and eZ-FrequencyView™ software from IOtech add time- and frequency-domain analysis capability to IOtech data acquisition products.

The eZ product family is integrated directly into IOtech's *Out-of-the-Box™* applications including DaqView™, WaveView™, PersonalDaqView™, ChartView™ and LogView™ to provide powerful and easy-to-use post-acquisition analysis capability in a seamless *Out-of-the-Box™* solution. Both the *Out-of-the-Box™* applications and eZ post-acquisition products are operated via a series of set-up screens, where acquisition and analysis parameters are selected through simple fill-in-the-blank style screens—no programming skills are required to operate *Out-of-the-Box™* View or eZ applications.

eZ-PostView, is included with your IOtech *Out-of-the-Box™* View application, while the other packages are offered as options.

eZ Software Package Comparison			
Feature	eZ-PostView	eZ-TimeView	eZ-FrequencyView
Post Acquisition Data Viewing	Yes	Yes	Yes
File Input Formats Supported (DaqView, WaveView, LogView, Personal DaqView, ChartView, UFF-58A&B)	Yes	Yes	Yes
File Export to ME'Scope and SMS Modal; Microsoft Excel, Binary Universal File, and ASCII text files	No	Yes	Yes
Display Windows	8	8	8
Channel Traces/Display Window	16	16	16
Automatic Data Scaling	Yes	Yes	Yes
Simulated Data Playback	No	Yes	Yes
User Configurable Data Display/Channel and Trace Colors	Yes	Yes	Yes
Multiple Display Window Tiling	Yes	Yes	Yes
Single and Band Cursor Support	Yes	Yes	Yes
Data Strip Chart Display	No	Yes	Yes
Peak-Peak Calculations	No	Yes	Yes
Min/Max Peak Searching	No	Yes	Yes
Mean Calculations	No	Yes	Yes
RMS Calculations	No	Yes	Yes
Data Display Zooming	No	Yes	Yes
Windowed Time Display Function	No	Yes	Yes
Cross Channel Support	No	No	FRF, Cross, Coherence, Transfer Function
Transfer Function Display Types	No	No	Inertance, Mobility, Compliance, Apparent Mass, Impedance, Dynamic Stiffness,
Complex Function Display Types	No	No	Magnitude, Phase, Real, Imaginary, Magnitude and Phase, Real and Imaginary, Nyquist
Scale Types RMS, Peak, Peak-Peak	No	RMS, Peak, Peak-Peak	RMS, Peak, Peak-Peak
Function Display Types	No	Time, Strip Chart	Spectrum, Auto-Spectrum, PSD, Strip Chart
Octave Types	No	No	1/3, Full
Octave Weighting	No	No	Linear, A, B, C
Integration/Differentiation (Single/Double)	No	No	Yes
Response Channel FFT Windows	No	No	Hanning, Flat Top, Exponential, and Blackman Harris
Reference Channel FFT Windows	No	No	Rectangular, Cosine Taper
Low-Pass DC Noise Filtering	No	No	Yes
Spectral/Strip Chart Display Synchronization	No	N/A	Yes
Octave/Strip Chart Display Synchronization	N/A	N/A	Yes