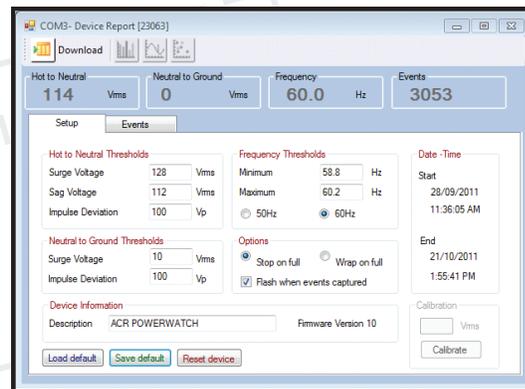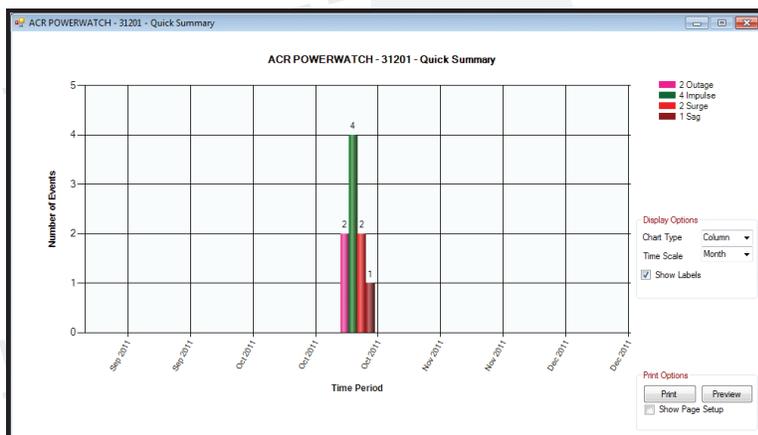# EventReader Software

Specifications

This powerful and easy-to-use power quality analysis software application is developed exclusively for ACR's PowerWatch Voltage Disturbance Recorder. With no programming hassles or complex menus, setup and downloading occurs in seconds.

SETUP INFORMATION

The following setup information is displayed in EventReader Software; voltage disturbance threshold values, site descriptions, filename, start and stop date and time, and the recorder's serial number. Configure the threshold values for each voltage disturbance type and frequency or use the industry standard default values.
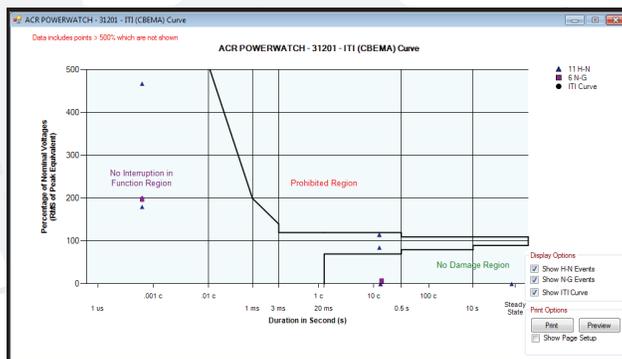

Quick Summary

Setup Information

STATISTICAL ANALYSIS (Quick Summary)

A large number of events can be quickly analyzed by using the Quick Summary option. Quick Summary totals all the surge, sag and impulse events and displays all of their occurences individually in a bar graph format. This format helps determine power quality trends quickly and effectively.

EVENT DISTRIBUTION GRAPH

The Event Distribution Graph plots the magnitude of events against duration on a logarithmic scale, allowing you to determine the importance of the data (a single random event may not be as important as a cluster of events). All 4,000 events can be plotted on this graph. Graph hot-to-neutral or neutral-to-ground events or show both in different colors. The CBEMA Curve can be used to determine the importance of each event.

Event Distribution Graph

Site Report

DETAILED SITE REPORTS

Detailed site reports are displayed for every voltage disturbance event recorded from the PowerWatch including:

- Hot-to-Neutral and/or Neutral-to-Ground Surges
- Hot-to-Neutral and/or Neutral-to-Ground Sags
- Hot-to-Neutral and/or Neutral-to-Ground Impulses
- Outages
- Frequency Variations

ORDERING INFORMATION

Item:	Cat#:
EventReader Software Only (Full Install)	01-0233
PWV-102 w/LIC-102 USB Interface	01-0231
PWV-101 w/LIC-101 Serial Interface	01-0060

EventReader Software is compatible with Windows XP, Vista, Windows 7 and Windows 8 - 32 bit & 64 bit

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