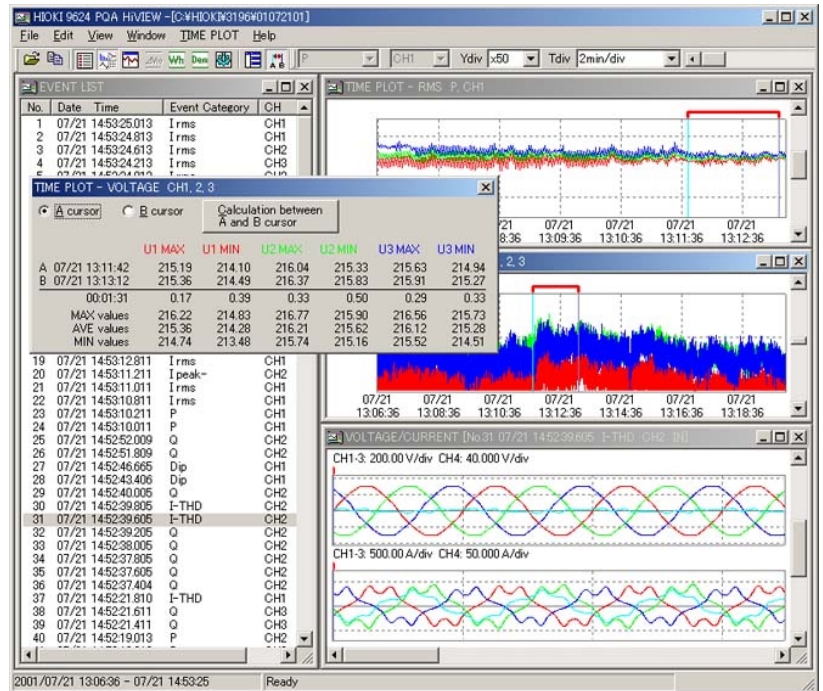


**Enhancing the Functions of Model 3196 POWER QUALITY ANALYZER**

**9624 PQA-HiVIEW**

Analyze binary codes captured by the 3196 POWER QUALITY ANALYZER and stored in the PC card using the new 9624 PQA-HiVIEW software application.



**Functions**

▪ **Viewer Function**

The 9624 PQA-HiVIEW duplicates the various display screens of the 3196, including the TIME PLOT screens (Voltage, RMS, Harmonics and Interharmonics); the Event List screen; the Event Data screens (Waveforms, Vector, DMM, Harmonics and Event Details); the ΔV10 screen and the Settings screen. On the TIME PLOT screens, calculations can be performed within the interval specified by the A and B cursors.

▪ **Binary-to-CSV Format Conversion Function (available with future version upgrade)**

The binary data for a specified area on a TIME PLOT screen or for a selected event on an Event Waveform screen can be converted to CSV format. The resulting CSV format file can be used with spreadsheet programs on the computer.

▪ **Demand and Cumulative Power Calculation Functions**

Demand and cumulative power calculations can be performed from the real power TIME PLOT data.

▪ **Printing Function (available with future version upgrade)**

Any screen can be printed as a report on the computer's printer.

- The 9624 software can only read binary data recorded with the 3196.
- Text and CSV data are not compatible.

## 9624 Specifications

### ● System Requirements .....

Computer Type: PC/AT compatible

OS: Microsoft Windows 95 (requires OSR2 or later, and Internet Explorer 3 or later), Microsoft Windows 98/Me/NT4.0/2000

Memory: At least 128 MB

### ● Data Reading Functions .....

Reading Data: Binary data recorded by the 3196

SET files: Setting data, ITV files: TIME PLOT data, FLC files: Flicker data

TRN files: Transient waveform data, EVT files: EVENT data (lists, voltage/current waveforms, transient waveforms, numerical values)

Reading Method: Reads the above file types in folder units

Maximum Data Capacity: 528 MB

### ● Data Display Functions .....

#### 1. SYSTEM Display Function

Screen Display: SYSTEM (Settings) content display

#### 2. TIME PLOT Display Function

Display Screens: RMS, Voltage, Harmonics, Interharmonics

Number of Display Screens: Up to four, Cursor Function: A/B Cursors (specify an interval for calculations)

#### 3. EVENT List Display Function

Screen Display: EVENT List content display, Display Method Selection: Chronological or priority order

#### 4. EVENT Data Display Function

Display Function: Displays the event data selected on the EVENT List display screen

Screen Displays: One of the following four screen displays

(1) Waveform Displays: Selectable from Voltage/Current, 4-Channel Voltage, 4-Channel Current or Voltage/Transient Overvoltage waveform displays

(2) Vector Displays: Selectable from Harmonic RMS or Harmonic Phase Angle display

(3) DMM Displays: Selectable from Power, Voltage or Current display

(4) Harmonic Displays: Selectable from Harmonic Bar Graph or Harmonic List display

Cursor Function: A/B cursors on the waveform display screen (to specify an interval for calculations)

### ● Cumulative Power Calculation Function .....

#### 1. Settings

Analysis Start Time: Year, month, day, hour, minute and second settings, Analysis Period: 1 to 31 days

#### 2. Display Method and Calculation Items

Cumulative Power Value Graph: Cumulative Power Value (consumed value + returned value) [Wh]  
(cursor measurement function available)

Numerical Value Display: Displays the following values within the analysis period

Maximum Cumulative Power Value (the last cumulative power value within an analysis period)

### ● Demand Calculation Function .....

#### 1. Setting Items

Analysis Start Time: Year, month, day, hour, minute and second settings, Analysis Period: 1 to 31 days

Demand Period: 5, 10 or 30 minutes, or 1, 2, 3, 6 or 12 hours (can be set to the measurement interval of the instrument, or longer)

#### 2. Display Method and Calculation Items

Demand Graph (consumption values only)

Numerical Value Display: Displays the following values within the analysis period

• Average Demand (average demand within the analysis period)

• Peak Demand (peak demand within the analysis period)

• Load Percentage (average demand / peak demand × 100[%])

### ● Copy Function .....

Copy contents: Save various screens as BMP files

### ● Print Function (available in a future version upgrade).....

Printing Format: Screen Image printing, Printing paper sizes: A4 and Letter (Landscape), Print Preview: provided

### ● CSV Format Conversion Function (available in a future version upgrade).....

Convertible Screens: TIME PLOT and Event Waveform screens

Specifiable Conversions: Specified interval (TIME PLOT screen only), Specified conversion item (TIME PLOT screen only)