

## Hioki Portable Recorder



- Ideal for transient capture & long-period recording
- Compact, easy to carry
- 4.3" color LCD display
- 2 analog & 4 logic inputs
- Sample rates up to 1M/sec
- Analog inputs isolated to 300V
- Simple USB PC interface

Wave application software displays & prints waveforms, converts data to CSV format. Includes report templates with figure annotation & comments. XP/Vista compatible.

PRO Kit includes 8870-20, 2 pair alligator clip voltage leads, AC adapter, rechargeable battery, hard carrying case, 256M flash card, USB cable, Wave software.

### SPECIFICATIONS

Input	2 isolated BNC, 300V max	Memory	12 bits x 2Mwords/ch
Range	10mV - 50V/div	Expansion	1GB flash card, Type1
Accuracy	±0.5% of full scale	Calculations	4 simultaneous, saved to flash card
Bandwidth	DC-50kHz (-3dB)	Calculation Types	Avg, peak, min/max, RMS, freq, period
Trigger	Level, logic, manual, ext.	Screen Capture	Saved to flash card
Trigger Mode	Single, continuous	PC Interface	USB 2.0 mini-B
Time Axis	100ms - 5min/div	Battery	Rechargeable, 2 hr life with continuous use
Record Length	20-20000 div, 10 settings	AC Adapter	100-240VAC, also charges battery
Record Time	2s to 69 days	DC Power	10-16VDC, 10W max
Sample Rate	1ms to 3s	Temperature	0-40°C operating, <80% RH
Pre-trigger	0-100% of record length	Dimensions	7x4x1.6" (176x101x41mm)
Resolution	1/100 div, both axis		
Zoom	x2, x10; both axis		
Display	4.3" TFT color LCD, 480x272		
Volts Display	4 digit, autoranging		

### ORDERING INFORMATION

HK/8870-20PRO Portable Memory Recorder Kit

### ACCESSORIES

HK/9018-50	Clamp-on Current Probe, 10-500A
HK/9132-10	Clamp-on Current Probe, 20-1000A
HK/9320-01	4 Channel Logic Probe, 50V DC max.
HK/9321-01	4 Channel Logic Probe, 250V AC/DC max.
HK/9322	1000:1 Differential Probe, 1kVAC/2kVDC max.

## Extech TRMS Data Logger

- Simultaneously measure two AC Voltage inputs or two AC Current inputs or one AC Voltage & one AC Current input
- Programmable sample rate from 1 second to 24 hours
- Store up to 256,000 readings
- LCD indicates time/date, present readings and Min/Max
- USB interface
- Readings can be analyzed using the included software or exported to a spreadsheet



### SPECIFICATIONS

AC Current	10 to 200A
AC Voltage	10 to 600V
Resolution	0.1A or 0.1V
Accuracy	±(2% rdg ± 1A), ±(2% rdg ± 1V)
Memory	256,000 points
Sampling Rate	1 second to 24 hours
PC Interface	USB, includes software
Power	3.6V Lithium battery
Dimensions	4.5 x 2.5 x 1.3" (114 x 63 x 34mm)

Complete with two Current sensor modules, two Voltage sensor modules, two sets of test leads, two sets of alligator clips, USB cable, Windows compatible software, universal AC Adaptor, 4 AAA batteries and two memory 2032 button batteries.

### ORDERING INFORMATION

EX/DL160 Dual Input True RMS AC Voltage/Current Datalogger

## AEMC AC Current Data Logger

- Two integral MiniFlex® flexible current probes measure from 0.5A to 1000A
- Dual range 100/1000A
- Programmable storage rates from 8 every second to 1 every day
- 3 user selectable storage modes
- Stores up to 240,000 measurements in non-volatile memory
- Lightweight, compact, fits anywhere
- 5 LED indicators quickly and clearly display logger status



### SPECIFICATIONS

Inputs	Two captive MiniFlex® AC current flexible sensors
Range	0.5 to 100AAC, 5 to 1000AAC
Resolution	0.1A
Basic Accuracy	± 1% of Reading, 50/60Hz
Sample Rate	64 samples/cycle
Storage Rate	Programmable from 125ms to 1 day
Record Modes	Start/Stop, FIFO and Extended Recording Mode (XRM™)
Record Length	15 minutes to 8 weeks, programmable using DataView
Memory	Non-volatile storage of 240,000 measurements (512kB).
Communications	Optically isolated USB 2.0
Protection	IP40
Rating	600V CAT IV, 1000V CAT III
Operating Temp.	14° to 122°F (-10° to 50°C), <85% RH
Dimensions	4.95 x 2.75 x 1.28" (136 x 70 x 32mm) w/o Sensors
Sensor/Cable	Sensor: 6" (152mm) / Cable: 6 ft (2m)

\* In XRM, each time the memory fills, every other of the oldest data samples is discarded to make room for new samples.

### ORDERING INFORMATION

AE/2126.37 Simple Logger® II Model ML912 with two mini-flex probes, USB cable, batteries & DataView software