Simple Logger® II Model L104

Cat. #2126.10

4-Channel, TRMS, Bluetooth, 0 to 1VAC, DataView® Software (Discontinued)

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ELECTRICAL	
Channels	Four
Input	One Connector per channel
Voltage Range	**0 to 1VAC**
Resolution	**0.1A (1mv/A scale)**
Accuracy*	**0 to 10mV unspecified** **10 to 50mV: ±(0.5% of Reading + 1mV)** **50 to 1000mV: ±(0.5% of Reading + 0.5mV)**
Maximum Input Voltage****	5Vrms (-7.07Vpeak to + 7.07Vpeak)
Input Impendence	100kΩ
Sample Rate	64 samples/cycle
Storage Rate	Programmable from 125ms to 1 per day
Storage Rate	Programmable from 200 ms to 60 minutes
Storage Technique	Start/Stop, FIFO, Extended Recording Mode** (XRM™) and Store on Alarm
Recording Length	15 minutes to 8 weeks, programmable using DataView®
Memory	1,000,000 measurement (2MB) Recorded data is stored in non-volatile memory and retained even if the battery is low or removed.

For more details, download the datasheet or user manual at www.aemc.com

Communication	Bluetooth (Class 2)
Power Source	4x1.5V C-cell alkaline batteries
Battery Life	Up to > 180 days (dependent on storage rate and recording length))
MECHANICAL	
Dimensions	5.904 x 5.904 x 3.568" (150 x 150 x 91mm)
Weight (with battery)	2.1 lbs (0.95kg)
Case	UL94-V0
Vibration	IEC 68-2-6 (1.5mm, 10 to 55Hz)
Shock	IEC 68-2-27 (30G)
Drop	IEC 68-2-32 (1m)
ENVIRONMENTAL	
Operational Temperature	14° to 122°F (-10° to 50°C)
Storage Temperature	-4° to 140°F (-20° to 60°C)
Relative Humidity	0 to 85% @ 95°F (35°C), Non-condensing
Altitude	02000m
SAFETY	
Safety Rating	EN 61010-1; 600V CATIV; 1000V CAT III; Pollution Degree 2
Protection Degree	IP65
Electro-Magnetic Compatibility	EN 61326-1; 07/1997 (+A1 10/1998, +A2 09/2001, +A3 05/2004)

*The native measurement of the instrument is voltage. This voltage is scaled to displace current by a factor that corresponds to the users probe selection. This accuracy specification does not account for probe errors.

**This unique recording mode provides the opportunity to continuously record over long periods of time by reducing the stored sample resolution of the oldest data and maintaining matching resolution for the newest data. Each time the memory fills up using XRM™, every other of the oldest stored samples is discarded making room for newer samples. This process continues until the recording is manually stopped.

***A memory backup capacitor provides backup power while the batteries are being changed. This backup capacitor will maintain the instrument for up to 10 seconds without batteries installed. If the unit is connected to DataView® via a PC, the battery life is 200 hours regardless of the storage rate.

****Voltages beyond this range may damage the instrument.

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