



## Simple Logger<sup>®</sup> II Model L101

Cat. #2126.02

1-Channel, TRMS, 0 to 1V<sub>AC</sub>, DataView<sup>®</sup> Software

One channel recording device that performs line tracking by taking 64 samples over one line cycle. Harmonic measurements are calculated from these 64 samples. Records TRMS at a rate of up to eight times per second. TRMS calculations are performed on a single line cycle.

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Channels	One
Input	BNC
Ranges (2)	10mV to 1V <sub>AC</sub>
Accuracy (50/60Hz)	10 to 50mV $\pm(0.5\% R + 1\text{mV})$ 50 to 1000mV (0.5% R + 0.5mV)
Resolution	0.1mV <sub>AC</sub>
Maximum Input Voltage	5V <sub>rms</sub> or $\pm 7.07\text{V}_{\text{PEAK}}$
Input Impedance	800k $\Omega$
Sample Rate	64 samples / cycle
Storage Rate	Programmable from 125ms to 1 per day
Storage Modes	Start/Stop, FIFO, extended mode (XRM) and Alarm
Recording Length	15 minutes to 6 weeks, programmable using DataView
Memory	240,000 measurements (512KB). Recorded data is stored in non-volatile memory and will be retained even if battery is low or removed.
Communication	USB 2.0 optically isolated
Power Source	2x1.5V AA (LR6) alkaline batteries
Battery Life	100 hours to >45 days (depending of sample rate/recording length)
Dimensions	5.38 x 2.75 x 1.28" (136 x 70 x 32mm)
Sensor	Optional current probe with BNC output (SR661, SL261, MN261)
Weight (with battery)	6.4 oz (180g)
Case	Polycarbonate
Operating Temperature	14° to 122°F (-10° to 50°C)

For more details, download the datasheet or user manual at [www.aemc.com](http://www.aemc.com)

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<b>Storage Temperature</b>	-4° to 140°F (-20° to 60°C)
<b>Relative Humidity</b>	Up to 85% @ 95°F (35°C)
<b>Ingress Protection (IP)</b>	IP40
<b>EMC</b>	EN 61326-1
<b>Safety Compliance</b>	IEC 61010-1, EN 61010-2-32 600V CAT III ; Pollution Degree 2



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