



Simple Logger[®] II Model L101

Cat. #2126.02

1-Channel, TRMS, 0 to 1V_{AC}, DataView[®] 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 1VAAC
Accuracy (50/60Hz)	10 to 50mV $\pm(0.5\% R + 1mV)$ 50 to 1000mV (0.5% R + 0.5mV)
Resolution	0.1mVAC
Maximum Input Voltage	5Vrms or $\pm 7.07VPEAK$
Input Impedance	800k Ω
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

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • www.aemc.com
customerservice@aemc.com • techsupport@aemc.com

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

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