



Simple Logger® II Model L481

Cat. #2126.25

1-Channel, DC, $\pm 850V$, DataView® Software

Single channel bipolar DC logger for measuring voltage -850 to $+850V_{DC}$. Features include Extended Recording Mode (XRM®) and delayed start time. Up to 240,000 measurements can be stored in internal memory. User programmable scale and engineering units are available. Includes easy and intuitive setup from a computer using DataView software.

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Channels	One
Input	4mm safety banana jacks
Ranges (2)	-850 to $+850V_{DC}$
Accuracy (50/60Hz)	5 to 50V: $\pm(0.5\% \text{ Rdg} + 1V)$ 50 to 850V: $(0.5\% \text{ Rdg} + 0.5V)$
Resolution	0.1V
Maximum Input Voltage	$\pm 1020V_{DC}$
Input Impedance	40M Ω
Sample Rate	Maximum 8 per second
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	4.94 x 2.75 x 1.28" (125 x 70 x 32mm)
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

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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



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