



## Simple Logger<sup>®</sup> Model SL01

Cat. #2156.01

Simple Logger<sup>®</sup> Model SL01 (Low voltage, 5VAC)

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|                       |                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Channels              | One                                                                                                                                  |
| Input                 | Screw connector                                                                                                                      |
| Range                 | 0 to 5V <sub>AC</sub>                                                                                                                |
| Accuracy (50/60Hz)    | ±(0.5% R +50mV) with filter set to 10                                                                                                |
| Resolution            | 10mV                                                                                                                                 |
| Maximum Input Voltage | 10V Peak                                                                                                                             |
| Input Impedance       | 800kΩ                                                                                                                                |
| Sample Rate           | 256 samples/second                                                                                                                   |
| Storage Rate          | 1 second                                                                                                                             |
| Storage Modes         | Start/Stop                                                                                                                           |
| Recording Length      | ≥43 days                                                                                                                             |
| Memory                | 4 million measurements (8Mb). Recorded data is stored in non-volatile memory and will be retained even if battery is low or removed. |
| Communication         | USB 2.0 (Simple Logger software free to download from web site)                                                                      |
| Power Source          | 2x1.5V AA (LR6) alkaline batteries or USB 5V <sub>DC</sub>                                                                           |
| Battery Life          | 43 days with new batteries when recording                                                                                            |
| Low Battery           | Battery voltage display in software (Batteries need replacement when the LED is dim or does not blink)                               |
| Dimensions            | 3.6 x 1.44 x 1.32" (91.44 x 36.58 x 34.8mm)                                                                                          |
| Weight (with battery) | 3.5oz (99g)                                                                                                                          |
| Case                  | Polycarbonate                                                                                                                        |
| Operating Temperature | 14° to 122°F (-10° to 50°C)                                                                                                          |
| Storage Temperature   | -4° to 140°F (-20° to 60°C)                                                                                                          |

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

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|                         |                         |
|-------------------------|-------------------------|
| Relative Humidity       | Up to 85% @ 95°F (35°C) |
| Ingress Protection (IP) | IP40                    |
| EMC                     | EN 61326-1              |
| Safety Compliance       | IEC 61010-1             |

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