

High Temperature Data Logger with USB Interface

OM-EL-USB-1-PRO-A



- ✓ -40 to 125°C (-40 to 257°F) Measurement Range
- ✓ 316 SS Case—NEMA 4X (IP67) Rated
- ✓ USB Interface for Easy Setup and Data Download
- ✓ Immediate or Delayed Start Logging
- ✓ Includes Replaceable High Capacity Lithium Battery and Windows® Control Software

The OM-EL-USB-1-PRO-A data logger measures and stores up to 32,510 temperature readings over a -40 to 125°C (-40 to 257°F) temperature range. The 316 SS case is corrosion, impact and water resistant to NEMA 4X (IP67) standards. The unit is powered by a ¾ AA lithium battery which allows logging for up to 3 years.

The user can easily set up the data logger and download the stored data by plugging the module straight into a PC's USB port and running the easy-to-use Windows software.

Software selectable setup parameters include logging rate (1 sec, 10 sec, 1 min, 5 min, 30 min, 1 hr, 6 hr, 12 hr), start-date/time, and desired temperature units (°C or °F). Data can then be graphed, printed and exported to other applications such as Excel. The data logger comes complete with a high capacity long-life lithium battery.

Specifications

Temperature Range: -40 to 125°C (-40 to 257°F)

Resolution: 0.1°C (0.2°F)

Accuracy:

Typical (0 to 40°C):

±0.2°C (±0.4°F)

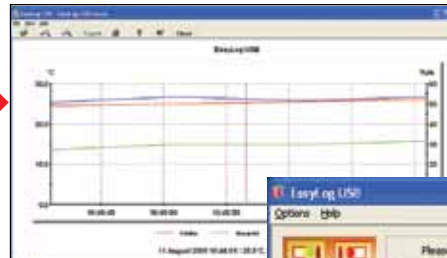
Max (-40 to 125°C):

±0.5°C (±1.0°F)



OM-EL-USB-1-PRO-A shown smaller than actual size.

Windows software shows data in graphical format.



Windows software setup screen.



Temperature Units: °C or °F selectable in software

Memory: 32,510 readings

Logging Interval: 1 sec, 10 sec, 1 min, 5 min, 30 min, 1 hr, 6 hr, 12 hr (selectable in software)

Start Date/Time: Selectable in software

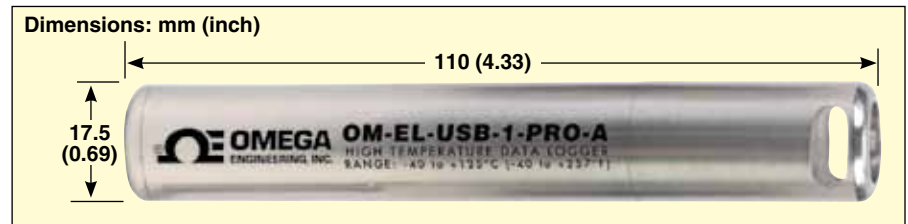
Operating Temperature: -40 to 125°C (-40 to 257°F)

Software: Windows 2000/XP/VISTA and 7 (32-bit and 64-bit)

Power: ¾ AA 3.6V lithium battery (included)

Battery Life: 1 yr min at -20°C and 10 sec logging interval, 2 yrs typical at 80°C and 10 sec logging interval, 3 yrs maximum

Weight: 128 g (4.5 oz)



OMEGACARESM extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARESM covers parts, labor and equivalent loaners.

To Order Visit omega.com/om-el-usb-1-pro-a for Pricing and Details

| Model No. | Description |
|----------------------|---|
| OM-EL-USB-1-PRO-A | High temperature data logger with USB interface |
| OM-EL-USB-1-PRO-BATT | Replacement ¾ AA 3.6V lithium battery |

Comes complete with Windows software on CD-ROM, USB cable, and ¾ AA 3.6V lithium battery. **Ordering Example:** OM-EL-USB-1-PRO-A high temperature data logger with USB interface and OCW-1 OMEGACARESM extended warranty adds 1-year to standard 1-year warranty.

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