The compact design of the DW-USB Series data loggers allows the user to monitor temperature, humidity, dew point, current, voltage, or carbon monoxide almost anywhere. The user can select the sampling rate, start time, high/low alarm settings, and temperature unit parameters with easy to install Windows®-based application. Stored data is downloaded by simply plugging the module into a PC's USB port with no cable required. Alarm status and low battery is indicated via built-in flashing LED's. When the protective cap is fitted, the data logger resists moisture to IP67 standards. These features make the data logger ideal for calibration labs, pharmaceutical plants, environmental chambers, and storage warehouses.

**SPECIFICATIONS**

- **Temperature Sensor:** Range: -31 to 176°F (-35 to 80°C); Accuracy: ±2°F (±1°C); Resolution: 1°F (0.5°C).
- **Temperature/Humidity/Dew Point Sensor:** Range: -31 to 176°F (-35 to 80°C), 0 to 100% RH; Accuracy: ±2°F (±1°C), 3.5% RH; Resolution: 1°F (0.5°C), 1% RH.
- **Voltage Sensor:** Range: 0 to 30 VDC; Accuracy: ±1%; Resolution: 50 mVDC.
- **Current Sensor:** Range: 4 to 20 mA; Accuracy: ±1%; Resolution: 0.5 mA.
- **Thermocouple Sensor:** Range: J-type: -202 to 1652°F (-130 to 900°C); K-type: -328 to 2372°F (-200 to 1300°C); Type: -328 to 662°F (-200 to 350°C); Accuracy: ±1.5°F (±1°C); Resolution: 0.9°F (0.5°C).
- **Carbon Monoxide Sensor:** Range: 0 to 1000 ppm; Accuracy: ±6%; Resolution: 1 ppm.
- **Memory Size:** 16,382 readings for voltage, current, and thermocouple; 32,764 readings for carbon monoxide.
- **Sampling Mode:** Selectable from 10 sec to 12 hr (DW-USB-6), 1 sec to 12 hrs (DW-USB-3, DW-USB-4, DW-USB-5) and 10 sec to 5 min (DW-USB-1, DW-USB-2) per channel.
- **Power Requirements:** 3.6V lithium battery.
- **Housing:** ABS plastic blend.
- **Alarms:** Programmable high/low.
- **Computer Requirements:** Windows® 98, Windows® 2000, Windows® XP, Windows NT® or Windows Vista® 32-bit operating systems.
- **Weight:** 1.5 oz (43 g).
- **Agency Approvals:** CE, RoHS.

**Model DW-USB-CASE**

- **Waterproof case for DW-USB-1**

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**Model DW-USB-LITE**

The DW-USB-LITE Data Logger is a low cost temperature data logger that measures and stores up to 4080 temperature readings over a measurement range 14 to 122°F. The standalone device has a fixed 30 min sample rate and a battery life of 1 month with continuous use. High/low alarm settings are user programenable through easy to install Windows® based software (included). The DW-USB-LITE features a visual LED alarm indicator. Stored data is downloaded by directly plugging the data logger into a PC's USB port and running the software, no cable required. Downloaded data can then be graphed, printed and exported to other applications.

**SPECIFICATIONS**

- **Temperature Range:** 14 to 122°F (-10 to 50°C).
- **Temperature Accuracy:** ±4.5°F (±2.5°C).
- **Temperature Resolution:** 0.1°F (1.0°C).
- **Sampling Resolution:** Continuous.
- **Sampling Rate:** 30 min (fixed).

**Limited Warranties**

- **Data Loggers, Data Modules, Terminals, Interface Cables, Terminals, Transformer Coils, Terminals, Transformer Coils, Terminals, Transformer Coils, Terminals:** 1 year from date of delivery to Customer.

**Ordering Information**

- **Mini Temperature Data Logger**
  - **Model DW-USB-LITE**
  - **Single Channel, USB Interface**

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**Agency Approvals:** CE, RoHS.

**Computer Requirements:** Windows® 98, Windows® 2000, Windows® XP, and Windows Vista® (software included).

**Power Requirements:** 3V coin cell battery (included).

**Alarms:** Programmable high/low.

**Interface:** USB.

**Weight:** 1 oz (30.0 g).

**Agency Approvals:** CE.