Compact USB Data Logger With Display
Integral LCD Display, LED Status Indication

The Portable Series DW-USB-LCD USB Data Loggers displays and records temperature, humidity and dew point. The easy-to-read LCD display shows the current temperature or humidity along with the minimum and maximum reading since last reset. For applications that require more accuracy, a high accuracy temperature and humidity model is available. Thermocouple models can accept any J, K, or T type thermocouple with a mini-plug connector. Series DW-USB-LCD data loggers include a Windows® based software which allows selection of the sampling rate, start time, high/low alarm settings, and temperature unit application. For quick downloading of data, the data logger can be plugged directly into a PC’s USB port with no cable required. Downloaded data can then be graphed, printed, or exported to other spreadsheet applications.

Specs:
- **Range:**
  - DW-USB-2-LCD: Temperature: -31 to 176° F (-35 to 80°C); Humidity: 0 to 100% RH
  - DW-USB-6-LCD: K-type: -328 to 2372°F (-200 to 1300°C), J-type: -202 to 1652°F (-130 to 900°C), T-type: -328 to 662°F (-200 to 350°C)
- **Accuracy:**
  - DW-USB-2-LCD: Temperature ±1°F (±0.5°C); Humidity ±2.0%
  - DW-USB-6-LCD: Temperature ±0.6°F (±0.3°C), Humidity ±2.0%
- **Resolution:**
  - Temperature: 1°F (0.5°C), Humidity: 0.5% RH
- **Sampling Rate:**
  - Selectable from 10 seconds to 12 hours for temperature/humidity models; 1 second to 12 hours for thermocouple models
- **Memory Size:**
  - Thermocouple models: 32510 readings; Temperature/humidity models: 16382 readings
- **Battery Life:**
  - 2.5 digit LCD: 5 to 8 hours (constant use)
- **Dimensions:**
  - Overall Length (X):
    - DW-USB-2-LCD: 4-31/32”
    - DW-USB-2-HA-LCD: 4-31/32”
    - DW-USB-6-LCD: 5-19/64”
  - Base Length (Y):
    - DW-USB-2-LCD: 4-57/64”
    - DW-USB-2-HA-LCD: 4-57/64”
    - DW-USB-6-LCD: 5-15/64”
  - Weight:
    - Thermocouple models: 1.8 oz (47.5 g); Temperature/humidity models: 1.6 oz (45.4 g)

**Battery Life:**
- 5 to 8 hours (constant use)

**Agency Approvals:**
- CE, RoHS

**Model DW-USB-X-LCD**
- **Range:**
  - DW-USB-2-LCD: Temperature: -31 to 176° F (-35 to 80°C); Humidity: 0 to 100% RH
  - DW-USB-6-LCD: K-type: -328 to 2372°F (-200 to 1300°C), J-type: -202 to 1652°F (-130 to 900°C), T-type: -328 to 662°F (-200 to 350°C)
- **Accuracy:**
  - DW-USB-2-LCD: Temperature ±1°F (±0.5°C); Humidity ±2.0%
  - DW-USB-6-LCD: Temperature ±0.6°F (±0.3°C), Humidity ±2.0%
- **Resolution:**
  - Temperature: 1°F (0.5°C), Humidity: 0.5% RH
- **Sampling Rate:**
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- **Memory Size:**
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- **Battery Life:**
  - 2.5 digit LCD: 5 to 8 hours (constant use)
- **Dimensions:**
  - Overall Length (X):
    - DW-USB-2-LCD: 4-31/32”
    - DW-USB-2-HA-LCD: 4-31/32”
    - DW-USB-6-LCD: 5-19/64”
  - Base Length (Y):
    - DW-USB-2-LCD: 4-57/64”
    - DW-USB-2-HA-LCD: 4-57/64”
    - DW-USB-6-LCD: 5-15/64”
  - Weight:
    - Thermocouple models: 1.8 oz (47.5 g); Temperature/humidity models: 1.6 oz (45.4 g)

**Battery Life:**
- 5 to 8 hours (constant use)

**Agency Approvals:**
- CE, RoHS

**Model DW-DATAPAD**
- **USB Data Logger:**
  - **Works With DW-USB Data Loggers**
  - **Handheld Portable Data Viewer**
  - **Touch screen and single front-panel push-button power switch**

**Battery Life:**
- 5 to 8 hours (constant use)

**Agency Approvals:**
- CE, RoHS

**WD-USB Data Logger**
- **Models:**
  - DW-USB-2-LCD
  - DW-USB-2-HA-LCD
  - DW-USB-6-LCD

**Accessories:**
- **Sticks probe:**
  - Immersion temperature probe
  - Penetration temperature probe
  - Surface temperature probe
  - Air duct temperature probe
  - Remote temperature probe handle

**View:**
- **3/4” (19.00)”
  - Vented
  - Transparent
  - Red/Green

**Display:**
- **4-7/32” (107.00)”
  - Plug in bottom
  - Transparent
  - Red/Green

**Process Control:**
- **Data Loggers, USB**

**Model DW-DATAPAD**
- **Handheld Portable Data Viewer**
  - **WORKS WITH DW-USB DATA LOGGERS**
  - **Configure and read data from up to 500 DW-USB data loggers.**
  - **2.8” full color TFT touch screen display is easy to read and simplifies navigation through the configuration menus.**
  - **Data that has been downloaded to the viewer can be displayed as a trend graph or a statistical summary.**
  - **Stored data can also be transferred to a computer using the provided micro-USB cable and the included Windows® based software. A rechargeable lithium battery is provided that has an average life of 3 to 8 hours under constant use.**

**Battery Life:**
- 5 to 8 hours (constant use)

**Dimensions:**
- **Overall Length (X):**
  - 2-11/16” (68.00)”
  - **Base Length (Y):**
    - Overall Length (X): 4-7/32” (107.00)”

**Agency Approvals:**
- CE, RoHS

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