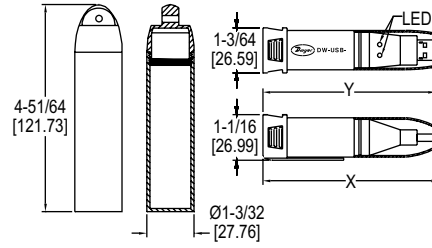




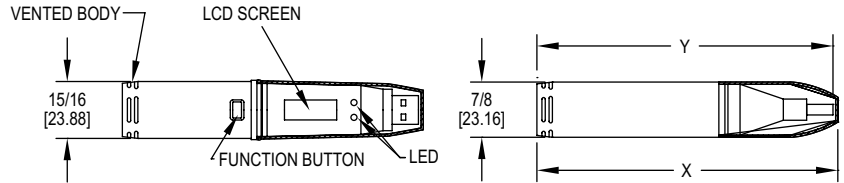
COMPACT USB DATA LOGGER

Measure Temperature, Humidity, Dew Point, Current, Voltage, or Carbon Monoxide



Model DW-USB-CASE Model DW-USB-X

| Model | Overall Length (X) | Overall Length (Y) | Body/Clip | Cap | LED |
|-----------------|--------------------|--------------------|-----------|----------------------|---------------------|
| DW-USB-1 | 3-55/64" | 3-55/64" | Standard | Standard | Clear/red |
| DW-USB-2, -2-HA | 4-1/16" | 4-1/16" | Vented | Standard | Clear/clear |
| DW-USB-3 | 4-27/64" | 4-27/64" | Standard | Black tip term block | Red/green |
| DW-USB-4 | 4-27/64" | 4-27/64" | Standard | Standard | Blue tip term block |
| DW-USB-5, -5-LR | 4-59/64" | 4-59/64" | Vented | Standard | Red tip CO sensor |
| DW-USB-6 | 4-21/32" | 4-21/32" | Standard | Standard | Red/green |



| Model | Overall Length (X) | Overall Length (Y) | Body/Clip | Cap | LED |
|-----------------|--------------------|--------------------|----------------|-------------|-----------|
| DW-USB-1-LCD | 4-21/32" | 4-41/64" | Standard | Transparent | Red/green |
| DW-USB-2-LCD | 4-31/32" | 4-57/64" | Vented | Transparent | Red/green |
| DW-USB-2-HA-LCD | 4-31/32" | 4-57/64" | Vented | Transparent | Red/green |
| DW-USB-6-LCD | 5-19/64" | 5-15/64" | Plug in bottom | Transparent | Red/green |

The Series DW-USB Compact USB Data Logger allows users to monitor temperature, humidity, dew point, voltage, current, or carbon monoxide almost anywhere, and then download stored data by simply plugging the module directly into a PC's USB port. The compact housing can resist moisture up to IP67 when the protective cap is attached and has built-in LEDs to indicate an alarm has been met or the battery is low. Users can set the sampling rate, start time, high/low alarms, and temperature unit via software available for free download from our website.

BENEFITS/FEATURES

- Meets IP67 standards when the protective cap is fitted
- All in one unit plugs into PC with no cable required
- LED status indicators for visual confirmation
- Optional integral LCD display for local indication

APPLICATIONS

- Calibration labs
- Environmental chambers
- Pharmaceutical plants
- Storage warehouses

SPECIFICATIONS

Memory Size: 16,382 temperature; 16,382 each temperature and RH; 32,764 readings for voltage, current, and thermocouple; and 32,510 for carbon monoxide.
Sampling Mode: Stop on memory full.
Sampling Rate: Selectable from 10 s to 12 hr (temperature and RH models); 1 s to 12 hr (voltage, current, and thermocouple models); 10 s to 5 m (CO models).
Computer Requirements: Compatible with Windows® 7, Windows® 8, and Windows® 10.
Power Requirements: 3.6 V 1/2 AA lithium metal battery, included, user-replaceable.
Housing: ABS plastic blend.
Alarms: Programmable high/low.
Interface: USB port.
Weight: 1.5 oz (43 g).

MODEL CHART

| Model | Sensor Type | Range | Accuracy | Resolution |
|-----------------|--------------------------------|---|--|----------------------|
| DW-USB-1 | Temperature | -31 to 176°F (-35 to 80°C) | ±3°F (±1.5°C) | 1°F (0.5°C) |
| DW-USB-2 | Temperature/humidity/dew point | -31 to 176°F (-35 to 80°C), 0 to 100% RH | ±4°F (2°C), ±3% RH from 20 to 80% RH, ±5% RH | 1°F (0.5°C), 0.5% RH |
| DW-USB-2-HA | Temperature/humidity/dew point | -31 to 176°F (-35 to 80°C), 0 to 100% RH | ±3°F (1.5°C), ±2% RH from 20 to 80% RH, ±4% RH | 1°F (0.5°C), 0.5% RH |
| DW-USB-3 | Voltage | 0-30 VDC | ±1% | 50 mVDC |
| DW-USB-4 | Current | 4-20 mA | ±1% | 0.05 mA |
| DW-USB-5 | Carbon monoxide | 0 to 1000 PPM | ±6% of reading | 0.5 PPM |
| DW-USB-5-LR | Carbon monoxide | 0 to 300 PPM | ±4% of reading | 0.5 PPM |
| DW-USB-6 | External thermocouple | With supplied probe: 32 to 752°F (0 to 400°C) J-type: -202 to 1652°F (-130 to 900°C); K-type: -328 to 2372°F (-200 to 1300°C); T-type: -328 to 662°F (-200 to 350°C) | ±2°F (1°C) (for data logger only) | 1°F (0.5°C) |
| DW-USB-1-LCD | Temperature | -31 to 176°F (-35 to 80°C) | ±3°F (1.5°C) | 1°F (0.5°C) |
| DW-USB-2-LCD | Temperature/humidity/dew point | -31 to 176°F (-35 to 80°C), 0 to 100% RH | ±4°F (2°C), ±3% RH from 20 to 80% RH, ±5% RH | 1°F (0.5°C), 0.5% RH |
| DW-USB-2-HA-LCD | Temperature/humidity/dew point | -31 to 176°F (-35 to 80°C), 0 to 100% RH | ±3°F (1.5°C), ±2% RH from 20 to 80% RH, ±4% RH | 1°F (0.5°C), 0.5% RH |
| DW-USB-6-LCD | External Thermocouple | With supplied probe: 32 to 752°F (0 to 400°C) J-type: -202 to 1652°F (-130 to 900°C) K-type: -328 to 2372°F (-200 to 1300°C) T-type: -328 to 662°F (-200 to 350°C) | ±2°F (1°C) (for data logger only) | 1°F (0.5°C) |

ACCESSORIES

| Model | Description |
|-----------|---------------------------------|
| 1718-0077 | Remote temperature probe handle |
| 1818-0074 | Immersion temperature probe |
| 1818-0078 | Penetration temperature probe |
| 1818-0082 | Surface temperature probe |
| 1818-0085 | Air duct temperature probe |

