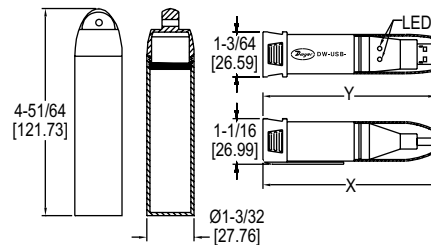


COMPACT USB DATA LOGGER

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	Blue tip term block	Red/green
DW-USB-5, -5-LR	4-59/64"	4-59/64"	Vented	Red tip CO sensor	Red/green
DW-USB-6	4-21/32"	4-21/32"	Standard	Standard	Red/green



VENTED BODY

LCD SCREEN

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FUNCTION BUTTON

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LED

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

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