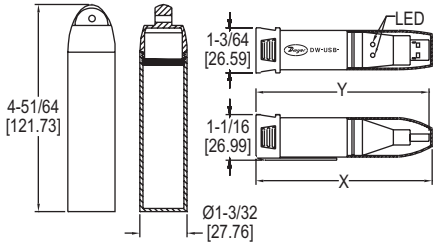
Dwyer

SERIES DW-USB

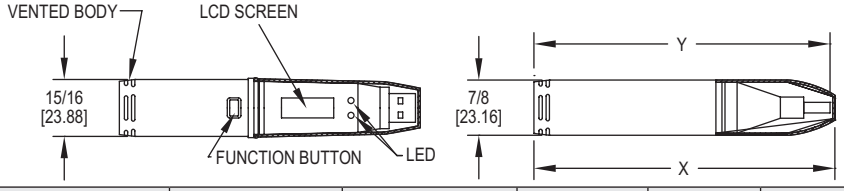
COMPACT USB DATA LOGGER

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



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 LED's 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.

FEATURES/BENEFITS

- 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).

ACCESSORIES

Model	Description	Price
DW-USB-CASE	Waterproof case for DW-USB-1	**$31.25**Ⓝ
1818-0074	Immersion temperature probe	**43.50**Ⓑ
1818-0078	Penetration temperature probe	**55.50**Ⓑ
1818-0082	Surface temperature probe	**125.00**Ⓑ
1818-0085	Air duct temperature probe	**95.00**Ⓑ
1718-0077	Remote temperature probe handle	**89.50**Ⓑ

Ⓑ Items are subject to Schedule B discounts.
Ⓝ Items are net priced and are not subject to any discount.

MODEL CHART

Model	Sensor Type	Range	Accuracy	Resolution	Price
DW-USB-1	Temperature	-31 to 176°F (-35 to 80°C)	±2°F (±1°C)	1°F (0.5°C)	**$74.50**Ⓝ
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	**160.00**Ⓝ
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	**159.00**Ⓝ
DW-USB-3	Voltage	0-30 VDC	±1%	50 mVDC	**95.00**Ⓝ
DW-USB-4	Current	4-20 mA	±1%	0.05 mA	**141.00**Ⓝ
DW-USB-5	Carbon monoxide	0 to 1000 PPM	±6% of reading	0.5 PPM	**129.00**Ⓝ
DW-USB-5-LR	Carbon monoxide	0 to 300 PPM	±4% of reading	0.5 PPM	**142.00**Ⓝ
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)	**126.00**Ⓝ
DW-USB-1-LCD	Temperature	-31 to 176°F (-30 to 80°C)	±3°F (1.5°C)	1°F (0.5°C)	**98.00**Ⓝ
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	**129.00**Ⓝ
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	**144.00**Ⓝ
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)	**125.00**Ⓝ

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