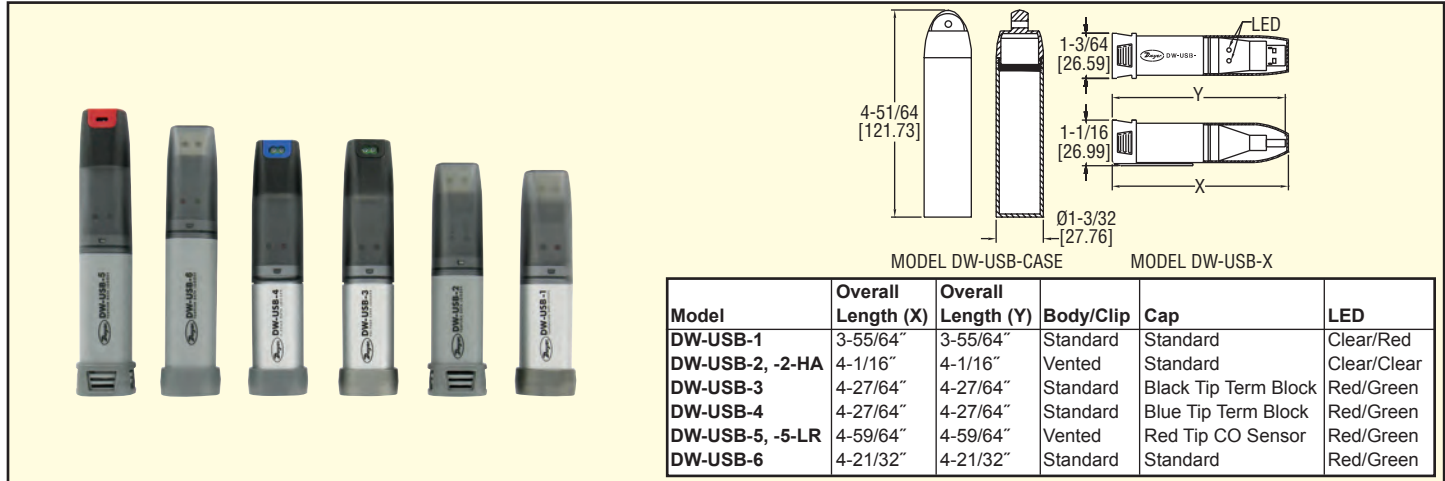




Series  
DW-USB

# Compact USB Data Logger

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



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

The compact design of the DW-USB Series data loggers allows the user to monitor temperature, humidity, dew point, voltage, current, 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.

## ACCESSORY

Model DW-USB-CASE, Waterproof case for DW-USB-1

## 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 hrs (DW-USB-1, DW-USB-2, DW-USB-2-HA), 1 s to 12 hrs (DW-USB-3, DW-USB-4, DW-USB-5, DW-USB-5-LR;) and 10 s to 5 min (DW-USB-6).

**Computer Requirements:** Windows® 98, Windows® 2000, Windows® XP, Windows NT®, Windows® 7 or Windows Vista® 32-bit or 64-bit operating systems.

**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).

**Agency Approvals:** CE, RoHS.

Model	Input Type	Range	Accuracy	Resolution
DW-USB-1	Temperature	-31 to 176°F (-35 to 80°C)	±2°F (±1°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	±1°F (±0.5°C), 3% RH	1°F (0.5°C), 0.5% RH
DW-USB-2-HA	High Accuracy Temperature/Humidity/Dew Point	-31 to 176°F (-35 to 80°C), 0 to 100% RH	±0.6°F (±0.3°C), 2% RH	1°F (0.5°C), 0.5% RH
DW-USB-3	Voltage	0 to 30 VDC	±1%	50 mVDC
DW-USB-4	Current	4 to 20 mA	±1%	0.05 mA
DW-USB-5	Carbon Monoxide	0 to 1000 ppm	±6%	0.5 ppm
DW-USB-5-LR	Low Range Carbon Monoxide	0 to 300 ppm	±4%	0.5 ppm
DW-USB-6	Thermocouple	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)	±1.5°F (±1°C)	0.9°F (0.5°C)

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