The Series DW-USB Compact USB Data Logger allow users to monitor temperature, humidity, dew point, voltage, current, or carbon monoxide. The user can select the sampling rate, start time, high/low alarm settings, and temperature unit parameters with the included Windows®-based application. Stored data is downloaded by plugging the module into a PC's USB port. 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.

**Specifications**

**Range:**
- DW-USB-1: -31 to 176°F (-35 to 80°C);
- DW-USB-2: -31 to 176°F (-35 to 80°C), 0 to 100% RH;
- DW-USB-2-HA: -31 to 176°F (-35 to 80°C), 0 to 100% RH;
- DW-USB-3: 0 to 30 VDC;
- DW-USB-4: 4 to 20 mA;
- DW-USB-5: 0 to 1000 ppm;
- DW-USB-5-LR: 0 to 300 ppm;
- DW-USB-6: 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).

**Accuracy:**
- DW-USB-1: ±2°F (±1°C);
- DW-USB-2: ±1°F (±0.5°C), 3% RH;
- DW-USB-2-HA: ±0.6°F (±0.3°C), 2% RH;
- DW-USB-3: ±1%;
- DW-USB-4: ±1%;
- DW-USB-5: ±6%;
- DW-USB-5-LR: ±4%;
- DW-USB-6: ±1.5°F (±1°C).

**Resolution:**
- DW-USB-1: 1°F (0.5°C);
- DW-USB-2: 1°F (0.5°C), 0.5% RH;
- DW-USB-2-HA: 1°F (0.5°C), 0.5% RH;
- DW-USB-3: 50 mVDC;
- DW-USB-4: 0.05 mA;
- DW-USB-5: 0.5 ppm;
- DW-USB-5-LR: 0.5 ppm;
- DW-USB-6: 0.9°F (0.5°C).

**Memory Size:**
- 16,382 temperature;
- 16,382 each temperature and RH;
- 32,764 readings for voltage, current, and thermocouple;
- 32,510 for carbon monoxide.

**Sampling Mode:**
- Stop on memory full.

**Sampling Rate:**
- Selectable from 10 sec to 12 hrs (DW-USB-1, DW-USB-2, DW-USB-2-HA), 1 sec to 12 hrs (DW-USB-3, DW-USB-4, DW-USB-5, DW-USB-5-LR:) and 10 sec 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:**
- 3.6V lithium battery.

**Housing:**
- ABS plastic blend.

**Alarms:**
- Programmable high/low.

**Interface:**
- USB port.

**Weight:**
- 1.5 oz (43 g).

**Agency Approvals:**
- CE, RoHS.

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SOFTWARE INSTALLATION

This software must be installed prior to the USB Driver. Please follow the instructions below then refer to the USB Driver Installation based on the Windows® operating system you are using.

1. Insert the included Configuration Software CD into the CD drive of your computer. If the CD does not start automatically, click "Start", "Run" & type D:\autorun.exe then click "OK".
2. Follow the on screen instructions to complete the Configuration Software Installation.
3. An EasyLog USB icon will now be placed on your desktop.

USB DRIVER INSTALLATION

Windows® XP/Windows Vista®/Windows® 7 Operating Systems:
You must install the Configuration Software as instructed in the previous section before going through these steps. The supplied CD must be in your PC’s CD drive throughout this installation.

1. Insert the USB data logger directly into a USB port on the computer. Installation screens should automatically appear.
2. Follow the on screen instructions to complete the Configuration Software Installation. If a compatibility error window appears, click “Continue Anyway”. NOTE: This will not cause any adverse changes/effects on your computer.
3. You can now begin using our data logger by double clicking on the EasyLog USB icon on your computers desktop.

Windows® 98/Windows® 2000 Operating Systems:
You must install the Configuration Software as instructed in the previous section before going through these steps. The supplied CD must be in your PC’s CD drive throughout this installation.

1. Insert the USB data logger directly into a USB port on the computer. Installation screens should automatically appear.
2. Follow the on screen instructions to complete the USB Driver Installation. When asked about searching for suitable drivers, select “CD-ROM Drive” only, then click “Next”.
3. You can now begin using our data logger by double clicking on the EasyLog USB icon on your computers desktop.

Carbon Monoxide Safety Notice

The DW-USB-6 is not a suitable substitute for a domestic or industrial carbon monoxide detector/alarm.

MAINTENANCE

Upon final installation of the Compact DW-USB Data Logger, no routine maintenance is required. Leaving the logger plugged into your computer for an extended period of time will considerably lower its battery life. The Series DW-USB is not field serviceable and should be returned if repair is needed (field repair should not be attempted and may void warranty). Be sure to include a brief description of the problem plus any relevant application notes. Contact customer service to receive a Return Goods Authorization number before shipping.