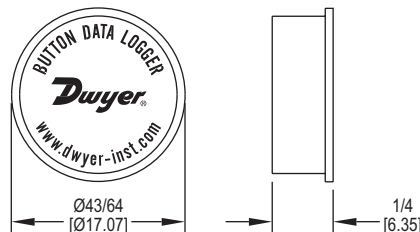


## SERIES BDL

# BUTTON DATA LOGGER

## Self-Powered, Compact Size, USB Interface



The **Series BDL Button Data Logger** records temperature and humidity in applications where size and cost effectiveness are vital. Housed in a compact stainless steel case, the BDL is durable in hostile environments, while also being able to be inserted in small items and packages. The Series BDL-K Logger Kit includes 2 buttons, 2 magnets, an interface cable, and a plastic button holder.

### FEATURES/BENEFITS

- Compact to fit in small areas and durable to work in hostile environments
- Self-powered unit gives no need for external power supply
- Magnetic mounting for quicker installation

### APPLICATIONS

- Food processing verification
- HVAC system testing and balancing.
- Pharmaceutical storage
- Transportation of temperature sensitive goods

### ACCESSORIES

Model	Description
<b>DL500-LITE*</b>	Lite version Windows® operating system software
<b>DL500**</b>	Full version Windows® operating system software key
<b>BDL-SIL</b>	Weatherproof silicone housing (5 pk)
<b>BDL-WALL</b>	Wall mounting bracket (5 pk)
<b>BDL-CLIP</b>	Plastic button holder (5 pk)
<b>BDL-1</b>	Temperature input data logger, no kit
<b>BDL-2</b>	Temperature/humidity input data logger, no kit
*Free download from website    **Need lite version also	

### SPECIFICATIONS

**Range:** BDL-1: -40 to 185°F (-40 to 85°C); BDL-2: -4 to 185°F (-20 to 85°C), 0 to 100% RH.  
**Memory Size:** BDL-1: 2048 readings; BDL-2: 4096 temperature and 4096 humidity readings (low resolution), 2048 temperature and 2048 humidity readings (high resolution).  
**Accuracy:** BDL-1:  $\pm 1.5^{\circ}\text{F}$  ( $\pm 1^{\circ}\text{C}$ ) from -22 to 158°F (-30 to 70°C); BDL-2:  $\pm 0.9^{\circ}\text{F}$  ( $\pm 0.5^{\circ}\text{C}$ ) from 14 to 158°F (-10 to 70°C),  $\pm 5\%$  RH.  
**Resolution:** BDL-1: 8 bit; BDL-2: 8 or 11 bit.  
**Sampling Method:** Stop on memory full or continuous recording.

**Sampling Rate:** BDL-1: Selectable from 1 to 255 min.; BDL-2: Selectable from 1 s to 24 hrs.  
**Computer Requirements:** Windows® 98, Windows® 2000, Windows® ME, Windows NT®, Windows® XP, and Windows Vista® operating system with 16 MB RAM, one free USB port.  
**Power Requirements:** 3 V lithium metal battery, internal, non-replaceable.  
**Battery Life:** BDL-1: 10 years (approx); BDL-2: 5 years (approx).  
**Alarms:** Programmable high/low.  
**Interface:** USB port (cable included with kits).  
**Housing Material:** 305 SS.  
**Weight:** 0.14 oz (4 g).

### MODEL CHART

Model	Input Type	Kit
<b>BDL-K1</b>	Temperature	Yes
<b>BDL-K2</b>	Temperature/humidity	Yes

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