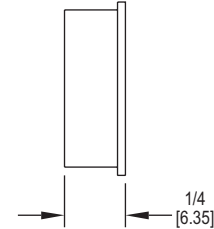


SERIES BDL

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
DL500-LITE*	Lite version Windows® operating system software
DL500**	Full version Windows® operating system software key
BDL-SIL	Weatherproof silicone housing (5 pk)
BDL-WALL	Wall mounting bracket (5 pk)
BDL-CLIP	Plastic button holder (5 pk)
BDL-1	Temperature input data logger, no kit
BDL-2	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
BDL-K1	Temperature	Yes
BDL-K2	Temperature/humidity	Yes