Dwyer

MODEL BDL

BUTTON DATA LOGGER
Self-Powered, Compact Size, USB Interface

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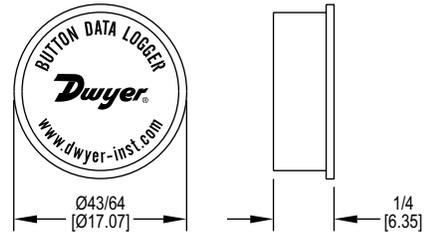
The **Series BDL Button Data Logger** records temperature and humidity in applications where size and cost effectiveness are vital. Housed in a compact stainless steel case, the BDL is durable in hostile environments, while also being able to be inserted in small items and packages. The Series BDL-K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

BENEFITS/FEATURES
• 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
• Pharmaceutical storage
• HVAC system testing and balancing
• Transportation of temperature sensitive goods

MODEL CHART

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

ACCESSORIES

Model	Description
BDL-1	Temperature input data logger, no kit
BDL-2	Temperature/humidity input data logger, no kit
BDL-CLIP	Plastic button holder (5 pk)
BDL-SIL	Weatherproof silicone housing (5 pk)
BDL-WALL	Wall mounting bracket (5 pk)
DL500**	Full version Windows® operating system software key
DL500-LITE*	Lite version Windows® operating system software
*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: ±1.5°F (±1°C) from -22 to 158°F (-30 to 70°C); BDL-2: ±0.9°F (±0.5°C) from 14 to 158°F (-10 to 70°C), ±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).

TEST, ADJUST, & BALANCE

Data Loggers

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