The Series BDL Button Data Logger records temperatures and humidity in applications where size and cost effectiveness are key. The BDL is housed in a SS case and is water resistant, making it durable in hostile environments where excessive moisture is present. The BDL is self-powered and features a USB interface. Sample rate and high/low alarms are user selectable through the Windows®-based application. The included software displays downloaded data graphically with trace and zoom functions. The logger is very small which enables it to be inserted into small items and packages. The Series BDL-K Logger Kit includes 2 buttons, 2 magnets, an interface cable, and a plastic button holder.

** ACCESSORIES **

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Type</th>
<th>Kit</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BDL-1</td>
<td>Temperature</td>
<td>No</td>
<td>$40.00</td>
</tr>
<tr>
<td>BDL-2</td>
<td>Temperature/Humidity</td>
<td>No</td>
<td>$145.00</td>
</tr>
<tr>
<td>BDL-K1</td>
<td>Temperature</td>
<td>Yes</td>
<td>$110.00</td>
</tr>
<tr>
<td>BDL-K2</td>
<td>Temperature/Humidity</td>
<td>Yes</td>
<td>$330.00</td>
</tr>
</tbody>
</table>

**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°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.
- **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).
- **Housing Material**: 305 SS.
- **Weight**: 0.14 oz (4 g).
- **Agency Approvals**: CE, RoHS.

The Series MTL Miniature USB Data Logger measures and records accurate readings for temperature and temperature/humidity/dew point in a wide range of applications. Sampling intervals and high/low alarm settings are user selectable through the included easy to use Windows® based software. On models ordered with an integral display, the temperature and humidity readings alternate on the display. The series MTL can be software configured to begin measuring based on a time delayed-start or by push-button. The logger can store up to 43,344 readings and can be set to stop on memory full or for continuous recording. Stored data is downloaded by plugging the unit into a PC’s USB port (cable included). The loggers provide measurements for many environment conditions, which make them ideal for refrigeration systems, laboratories, and medical storage facilities.

**ACCESSORIES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Type</th>
<th>Display</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTL-20</td>
<td>Temperature</td>
<td>No</td>
<td>$95.00</td>
</tr>
<tr>
<td>MTL-30</td>
<td>Temperature/Humidity/Dew Point</td>
<td>No</td>
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<tr>
<td>MTL-20-LCD</td>
<td>Temperature</td>
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<td>$95.00</td>
</tr>
<tr>
<td>MTL-30-LCD</td>
<td>Temperature/Humidity/Dew Point</td>
<td>Yes</td>
<td>$175.00</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

- **Temperature Range**: MTL20: -40 to 185°F (-40 to 85°C); MTL30: -40 to 160°F (-40 to 70°C), 0% to 99% RH (non condensing).
- **Accuracy**: MTL20: ±1°F (±0.5°C); MTL30: ±1°F (±0.5°C), ±2% RH from 10% to 90% RH.
- **Resolution**: Non-LCD models: 0.01°F (0.01°C), 0.01% RH; LCD models: 0.1°F (0.1°C), 0.1% RH.
- **Memory Size**: 43,344 temperature; 21,672 each temperature and RH.
- **Sampling Mode**: Stop on memory full or memory rollover for continuous recording.
- **Sampling Rate**: 1 s to 18 hrs.
- **Computer Requirements**: Windows® based application software included.
- **Power Requirements**: 3 V CR2032 lithium metal battery, installed functional, user replaceable.
- **Alarms**: Programmable high/low.
- **Interface**: USB port (cable included).
- **Weight**: 1 oz (28 g).
- **Agency Approvals**: CE.