The Series DLI LCD Data Logger gives instant remote readings of temperature, humidity, or atmospheric pressure. The large, backlit LCD and 8-button keypad provide convenient access to current data and recorder setup as well as memory and battery levels. The wall-mountable data logger can store at least 87,000 readings per channel. The easy-to-use DL700 software makes creating permanent records, performing data calculations, and graphing of data simple. The DLI can easily be started and stopped from a PC or delayed to start up to six months in advance. It can also stop recording at a specified time or after a certain number of readings have been taken.

### SPECIFICATIONS

**RTD Sensor:** Range: -328 to 1562°F (-200 to 850°C); Probe accuracy: ±0.09°F (±0.05°C) for -328 to 500°F (-200 to 260°C), ±0.5°F (±0.3°C) for 500 to 1562°F (260 to 850°C); Resolution: 0.01°F (0.01°C).

**Thermocouple Sensor:** Internal range: -4 to 140°F (-20 to 60°C); Accuracy: ±0.9°F (±0.5°C) internally and for types J, K, T, E, and N, ±3°F (±2°C) for types R, S, and B; Resolution: 0.2°F (0.1°C) internally and for types J, K, T, and N, 0.9°F (0.5°C) for types R, S, and B.

**Temperature/Humidity Sensor:** Range: -4 to 140°F (-20 to 60°C), 0 to 95% RH; Accuracy: ±0.9°F (±0.5°C) for 32 to 122°F (0 to 50°C), 3% RH; Resolution: 0.2°F (0.1°C), 0.1% RH.

**Temperature/Humidity/Pressure Sensor:** Range: -40 to 302°F (-20 to 60°C), 0 to 95% RH, 0 to 30 psia; Accuracy: ±0.9°F (±0.5°C), ±3% RH, ±1.0% FSR @ 77°F (25°C); Resolution: 0.1°F (0.05°C), 0.1% RH, 0.002 psia.

**Memory Size:** 174,762 readings (DLI-R), 131,071 readings per channel (DLI-T, DLI-H) and 87,381 readings per channel (DLI-P).

**Sampling Method:** Stop on memory full or continuous recording.

**Sampling Rate:** Selectable from 2 s to 24 hrs.

**Computer Requirements:** Windows® 95, Windows® 98, Windows® 2000, Windows® ME, Windows NT®, and Windows® XP operating system, one free USB port.

**Power Requirements:** 9 V lithium metal battery, installed functional, user replaceable. Optional AC adapter.

**Battery Life:** 1 yr with display on, 30 days with continuous display usage (approx).

**Interface:** USB port (interface cable required).

**Housing:** Black anodized aluminum case.

**Weight:** 16 oz (440 g).

**Agency Approvals:** CE, model DLI-R not CE approved.

### Thermocouple Type

<table>
<thead>
<tr>
<th>Type</th>
<th>Range °F</th>
<th>Range °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type J</td>
<td>-346 to 1400</td>
<td>-210 to 760</td>
</tr>
<tr>
<td>Type K</td>
<td>-436 to 2498</td>
<td>-260 to 1370</td>
</tr>
<tr>
<td>Type T</td>
<td>-436 to 752</td>
<td>-260 to 400</td>
</tr>
<tr>
<td>Type E</td>
<td>-136 to 1796</td>
<td>-260 to 980</td>
</tr>
<tr>
<td>Type R</td>
<td>-58 to 3200</td>
<td>-50 to 1760</td>
</tr>
<tr>
<td>Type S</td>
<td>-58 to 3200</td>
<td>-50 to 1760</td>
</tr>
<tr>
<td>Type B</td>
<td>140 to 3308</td>
<td>60 to 1820</td>
</tr>
<tr>
<td>Type N</td>
<td>-436 to 2372</td>
<td>-260 to 1300</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DLI-R</td>
<td>RTD Temperature</td>
<td>$499.00</td>
</tr>
<tr>
<td>DLI-T</td>
<td>Thermocouple Temperature</td>
<td>$499.00</td>
</tr>
<tr>
<td>DLI-H</td>
<td>Temperature/Humidity</td>
<td>$499.00</td>
</tr>
<tr>
<td>DLI-P</td>
<td>Temperature/Humidity/Pressure</td>
<td>$649.00</td>
</tr>
</tbody>
</table>

**Items are net priced and are not subject to any discount.**