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**Product Name :**  
UTDL Bluetooth, Single use

**Product Code :**  
LBNY-0006-2100021



#### **Description :**

The single-use, User-programmable Temperature Data Logger (UTDL) with a Bluetooth interface for data download, analysis and programming of device settings via a Bluetooth-enabled smartphone. Device settings, such as alarm thresholds, logging interval etc., can be programmed by the user via the free mobile application using a smartphone or factory programmed. The device is supplied unprogrammed by default and if factory-programmed settings is required, device settings need to be specified upon ordering. The device shows any temperature alarms that have occurred via LED indicators. When connected to a smartphone via the Bluetooth interface, the device generates a report via the free mobile application. Data is then uploaded and archived via the smartphone's internet connection to the web application (accessible on the internet web browser of a PC or Mac). Reports and data can be exported from the web application in PDF or CSV file formats.

#### **Technical Specification :**

##### **Hardware Specifications:**

Base unit operating temperature: -30°C to +70°C  
User interface: LED, switch and 1 push button mounted on face of device  
Alarm: Visual, with LED alarm indicators  
Sensor temperature measurement: -30°C to +70°C  
Resolution: +/- 0.1°C  
IP rating: IP67  
Sensor: Internal, non-replaceable sensor  
Memory: 10,000 datapoints  
Accuracy: +/- 0.5°C within the range -20°C to +20°C

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Battery type: non-replaceable lithium battery  
Shelf life: 24 months from date of manufacture (includes activated life)  
Activated life: 12 months  
Data download: Via Bluetooth Low Energy (BLE) connection to smartphone  
Mounting: Loop attach (e.g. cable tie, zip tie)  
Number of programmable alarms: 6  
Programmable logging interval range: 1 second to 360 minutes  
Label colour: White  
Unit Dimensions (LxWxD): 5.1x 2.6 x 0.53 cm  
Unit Weight: 9g



**Laboratory Instrument India**