BlueLOG P



Bluetooth temperature data logger, managed via Android devices with BlueTrails App with cable and steel tip for a fast response time, for temperatures from -40 ° C to + 80 ° C. It finds wide application in the food and pharmaceutical fields, such as the constant detection of the temperature during transport, in cool environments and cells. The data logger transmits data, with programmable acquisition, via Bluetooth (4.0 or higher) to a Smartphone. Data is displayed in real time and alarms provided when the temperature is out of range. Upon delivery it is possible to send the data by e-mail. It is also possible to start the logger and download the data at the end of the transport. The logger also monitors the inclination so it is possible to know if the transported packages have been overturned and when. Pair with your Smartphone by pressing the button, using the contactles tag on the back or reading the QR Code.

By connecting a Bluetooth thermal printer you can print the data to be attached to the documents upon delivery. The **batteries are replaceable by the user** and the **Accredia traceable calibration certificate** can be requested separately.

Main features

- Sending data in real time to Android devices
- Extensive probe with fast response time
- Tilt monitoring and alarms with settable thresholds
- Different monitoring modes: in real time (even multiple loggers at the same time) or with unloading at destination
- Long battery life: 2 years with continuous transmission every 15 minutes
- Real-time control of user-settable alarm thresholds with acoustic notification also
- Generate PDF, exel, csv reports via email
- Start and Stop via push button
- **Optional reference traceable calibration certificate available**

Plus

- No extra accessory: your smartphone is all you need
- Small size suitable for every package and box
- Cloud connection
- Real time alarms
- Bluetooth printer paired to the smartphone available
- BLE 5.0 for **long range transmission**
- User replaceable battery

The system

BlueLOG P data logger does not need of any additional accessory. Just download the Android App and you are ready to start using it.

Accessories

- Bluetooth printer
- BlueLOG/TempNFC/TempBLE wall mount

Applications

Cold Chain

Logistic&Transport

Environment

Pharmaceutical

Food & Beverages

Healthcare

Medical

Laboratories

Technical specifications

Dimensions	67 X 20 X 97 (mm)
Probe dimensions	Cable 28/90/190 (cm) X 2,8 Ø (mm) - Probe 3 (cm) l X 3 Ø (mm)
Weight	18 g
Temperature range	-30 °C ÷ +60 °C
Sensor temperature range	-40 °C ÷ +80 °C
Standard calibration points (temperature)	-30/0/20/60°C
Extra calibration points (temperature)	Within the range -40 °C ÷ +80 °C
Temperature resolution	0,01 °C
Temperature accuracy	± 0.5 °C without certificate / ± 0,2 °C with Accredia traceable certificate (valid in the calibration range)
Memory (n. of acquisitions)	8.730
Acquisition step	From 1 every 5 seconds up
Buttons and functions	Immediate reading, start, pairing buttons
Functions	Connection, acquisition and alarm LED
Alarms	Local (acoustic and/or visual)
Communication	Bluetooth BLE 5.0
Battery life	Up to 2 years life with acquisition rate of 15 minutes
Battery type	2 X AAA 1,5 V batteries
Protection degree	IP63
Accessories	Bluetooth Printer
Software&Mobile App	BlueTrails
It requires	Bluetooth 4.0 device or above

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