# BlueLOG M



Bluetooth temperature and tilt data logger, managed through Android devices with BlueTrails App for Transports monitoring. The data logger is paired to a Smartphone and transmits data via Bluetooth (BLE 5.0 but works with 4.0 and above also) at a programmable rate. Data are displayed in real time on the Smartphone screen and alarms occur when temperature is out of limits. Upon delivery it is possible to send data via email. Connecting a Bluetooth thermal printer data can be printed to be given with delivery documents.

In the front it has a contactless tag to be immediately associated with your Smartphone. You can also pair it by reading the QR Code or by pressing a button.

With anti repositioning function, to be acrivated using its wall mount.




## Applications

Cold Chain

Logistic&Transport

Environment

Pharmaceutical

Food & Beverages

Healthcare

Medical

Laboratories

## Main features

- Internal temperature sensor
- Buzzer for acoustic alarms
- Tilt monitoring
- Pairing with the phone via QR Code, button and Contactless Tag (on the back of the logger)
- Anti tamper function
- Extended memory
- Internal antenna
- Different monitoring modes: in real time (even multiple loggers at the same time) or with unloading at destination
- Start and Stop via push button
- Locate your logger among many by turning on the LEDs or activating the Buzzer
- Long battery life: 2 years with continuous transmission every 15 minutes
- Real time check against user programmable alarm thresholds
- Visual and acoustic alarms
- Generates PDF, excel, csv reports that can be sent via email
- **Optional reference traceable calibration certificate available**

## Plus

- No extra accessory: your Smartphone is all you need
- Small size suitable for every package and box
- Real time alarms
- Bluetooth printer paired to the smartphone available
- BLE 5.0 for long range and quick transmission: **transmits thousands of data in few seconds**!

## The system

BlueLOG 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

## Technical specifications

| | |
|---|---|
| Dimensions | 67 X 20 X 97 (mm) |
| Weight | 18 g |
| Temperature range | -30 °C ÷ +60 °C |
| Standard calibration points (temperature) | -30/0/20/60°C |
| Extra calibration points (temperature) | Within standard calibration range |
| 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 |
| Buttons and functions | Immediate reading, start, pairing buttons |
| Acquisition step | From 1 every 5 seconds up |
| Functions | Tilt monitoring, anti tamper function, buzzer for acoustic alarms |
| 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 | IP66 |
| Software&Mobile App | BlueTrails |
| It requires | Bluetooth 4.0 device or above |
| Accessories | Bluetooth Printer |