

# BlueLOG RH



Bluetooth temperature and humidity data logger, managed through Android and iOS devices with BlueTrails App for Transports monitoring. The data logger is paired to a smartphone and transmits data via Bluetooth (5.0 but works with 4.0 and above also) at a programmed rate. Data are displayed in real time as they come and alarms are given when temperature and humidity are out of limits (limits can be programmed too). At each delivery it is possible to send data via email. Connecting a Bluetooth thermal printer data can be printed to be left with delivery documents.



## Applications



Cold Chain



Logistic & Transport



Environment



Pharmaceutical



Food & Beverages



Healthcare



Medical



Laboratories

## Main features

- Real time data transmission on Android/IOS devices
- Long life battery: 2 years with continuous transmission every 15 minutes
- Real time check against alarm thresholds
- Generates PDF reports 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 transmission

## 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

## Technical specifications

|   |  |
|---|--|
| Dimensions                                | 67 X 20 X 97 (mm)                                      |
| Weight                                    | 18 g   |
| Temperature range                         | -30 °C ÷ +60 °C  |
| Standard calibration points (temperature) | 5/30/50°C  |
| Extra calibration points (temperature)    | Within standard calibration range                      |
| Temperature resolution                    | 0,01 °C  |
| Temperature accuracy                      | ± 0,5 °C (within the calibration range)                |
| Humidity range                            | 0% ÷ 100% RH (not condensing)                          |
| Standard calibration points (humidity)    | 30/50/70% @ 30°C ± 10°C                                |
| Extra calibration points (humidity)       | Within the range 10% ÷ 90% RH                          |
| Humidity resolution                       | 0,1%   |
| Humidity accuracy                         | ± 3% RH from 10% to 90% / ± 4% from 0% to 100%         |
| 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                  |
| 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                          |