

# 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 reach delivery it is possible to send data via email. Connecting a Bluetooth thermal printer data can be printed to be left with delivery documents.



## 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

## Applications



Cold Chain



Logistic & Transport



Environment



Pharmaceutical



Food & Beverages



Healthcare



Medical



Laboratories

## 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	± 0,2 °C
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 minute up (in steps of 1 minute)
Buttons and functions	Immediate reading button, stop acquisitions button
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 AA 1,5 V batteries
Protection degree	IP67
Software&Mobile App	BlueTrails
It requires	Bluetooth 4.0 device or above