BlueLOG RH



Bluetooth temperature and humidity 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 (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 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	± 0,5 °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 reslution	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

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