TempNFC RCE (rigid case) with external probe



Rigid case version of the contact less temperature data logger with NFC technology and external probe managed through Android devices with dedicated App from Google Play. Allows to manage temperature monitoring using a Smartphone or a Tablet to INSTANTLY share the readings you downloaded. Developed especially but not only for transports and cold chain monitoring.
Other versions available:

- TempNFC: reprogrammable data logger reusable with no limits
- TempNFC Single Use: single use logger, one time programmabale
- TempNFC RC: reprogrammable data logger reusable with no limits and with rigid case
- TempNFC RCA: reprogrammable data logger reusable with no limits and with rigid case and anti-tamper function
- TempNFC RCEA: reprogrammable data logger reusable with no limits, with rigid case, external probe and anti-tamper function

Download the free App: manage your loggers, share the information and focus only on your tasks.

Wall mount available.

Main features

- Start and download using NFC Android devices (download App from Google Play)
- Long life battery: 3 millions of acquisitions
- Manual start option Mission status LED and button (running, stopped, OK, alarm)
- Check against alarm thresholds and transport duration
- MKT calculation is done on the App
- Bar Code and QR Code scan of the items being monitored in the shipment
- Geolocalization of the start and stop positions, saved with the mission data
- View readings in graphical or tabular format
- Create mission templates to quickly start the devices, without entering settings every time
- Additional Information: sender, receiver, operator, notes etc.
- Automatically send PDF reports to the email address set by the sender
- Synchronization with the Tecnosoft Cloud (TempNFC Ent App)
- Optional Accredia (NIST equivalent) traceable calibration certificate on one or more calibration points available

Plus

- No extra accessory: your smartphone is all you need
- Small size suitable for every package and box
- Keep tracking of transported products along with temperature thanks to the bar code and QR codes
- Fast response time with the external probe

Applications

Cold Chain

Logistic&Transport

Warehouses

Environment

Medical

Healthcare

Food & Beverages

Laboratories

Constructions

Industrial

The system

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

Accessories

- TempNFC Ent
- Battery kit for TempNFC RC
- BlueLOG/TempNFC/TempBLE wall mount

Technical specifications

Dimensions	67 X 20 X 97 (mm)
Probe dimensions	Cable 700 l X 2 Ø (mm) - Probe 20 l X 3 Ø (mm) in rubber
Weight	18 g
Temperature range	-30 °C ÷ +60 °C
Sensor temperature range	-40 °C ÷ +70 °C
Standard calibration points (temperature)	-30/0/20/60°C
Extra calibration points (temperature)	Within the range -40 °C ÷ +70 °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)	3.928 (may diminish according to the amount of notes)
Acquisition step	From 1 every second up, with 1 second steps
Buttons and functions	Start, status, limits check
Functions	LED for status: acquisition, stand by, out of limits
Battery type	3.0V CR2032 lithium, user replaceable (2026 IATA DGR: Section 1.2.7.1(i), lithium-ion cells ≤20 Wh)
Battery life	+3.000.000 acquisitions at 1 second step continuously (calculated time @25°C. Battery life may be shorter if used in low temperatures)
Protection degree	IP67
Software&Mobile App	TempNFC Ent
It requires	NFC Android device

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