

# TempNFC



Reprogrammable version of the contact less temperature data logger with NFC technology 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 Single Use: single use logger, one time programmable
- TempNFC RC: reprogrammable data logger reusable with no limits and with rigid case
- TempNFC RCE: reprogrammable data logger reusable with no limits, with rigid case and external probe
- 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
- TempNFC Calib: reprogrammable data logger till calibration expiration date, reactivable with the recalibration



Visit [www.tempnfc.com](http://www.tempnfc.com) to learn more and download the free App: manage your loggers, share the information and focus only on your tasks.

## Main features

- Start and download using NFC Android devices (download App from Google Play)
- Long life battery: 10 year shelf life in standby
- 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

## Applications



Cold Chain



Logistic&Transport



Warehouses



Environment



Pharmaceutical



Medical



Healthcare



Food & Beverages



Constructions



Industrial



Laboratories

## 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 Lite
- TempNFC Pro
- TempNFC Ent

## Technical specifications

Dimensions	64 X 15 X 90 (mm)
Weight	18 g
Temperature range	-30 °C ÷ +50 °C
Standard calibration points (temperature)	-30/0/20/50°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)	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 (2017 IATA DGR: PI970 Section II, < 4 cells)
Battery life	Up to 10 years or 3 millions of acquisitions
Protection degree	IP65
Software&Mobile App	TempNFC Lite, TempNFC Pro, TempNFC Ent
It requires	NFC Android device