TempNFC Single Use



Single use version of the contact less temperature data logger with NFC technology managed through Android devices with dedicated App from Google Play. Monitor temperature through a mobile device to INSTANTLY share downloaded readings. Especially designed for transports and cold chain monitoring.
Other versions available include reusable version, with rigid case, with external probe and anti tamper system.

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



Applications

- Cold Chain
- Logistic&Transport
- Warehouses
- Environment
- Pharmaceutical
- Medical
- Healthcare
- Food & Beverages
- Constructions
- Industrial

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

- Throw the logger away after download, no reverse logistic costs (ideal for international transports)
- 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

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

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 (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	IP65
Software&Mobile App	TempNFC Ent
It requires	NFC Android device