

TEMPERATURE



TempNFC – Contact less temperature data logger with NFC technology managed through Android devices with dedicated App from Google Play. The data logger is available in different versions, with calibration certificate included too or sold separately.



Dimensions	64 X 15 X 90 (mm)
Temperature range	-30 °C ÷ 50 °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)	3928 (notes may reduce memory)
Acquisition rate	From 1 second up (in steps of 1 second)
Battery life	Up to 10 years or 3 millions of acquisitions

#	When	°C
1	02/Aug/2013 11:35:41	25,89
2	02/Aug/2013 11:35:51	26,18
3	02/Aug/2013 11:36:01	26,18
4	02/Aug/2013 11:36:11	26,09
5	02/Aug/2013 11:36:21	26,07
6	02/Aug/2013 11:36:31	26,19
7	02/Aug/2013 11:36:41	26,77
8	02/Aug/2013 11:36:51	25,10
9	02/Aug/2013 11:37:01	23,67
10	02/Aug/2013 11:37:11	22,44
11	02/Aug/2013 11:37:21	21,26
12	02/Aug/2013 11:37:31	20,12
13	02/Aug/2013 11:37:41	19,01
14	02/Aug/2013 11:37:51	17,96
15	02/Aug/2013 11:38:01	16,96
16	02/Aug/2013 11:38:11	15,99
17	02/Aug/2013 11:38:21	15,03
18	02/Aug/2013 11:38:31	14,12
19	02/Aug/2013 11:38:41	13,22
20	02/Aug/2013 11:38:51	12,36
21	02/Aug/2013 11:39:01	11,50
22	02/Aug/2013 11:39:11	10,68

email.pdf

TECNO Soft

TEMP NFC MISSION REPORT

Status			
Result	OUT OF LIMITS MKT		
Minimum temperature	-22,01 °C	Maximum temperature	31,04 °C
Average temperature	19,57 °C	Mission length (d hh:mm)	0 10:51
Device			
Serial number	00000062B004766	Calibration expiry date	2013/08/11
Mission settings			
Sample rate (seconds)	10	Number of recordings	3912
First recording on	2013/07/02 11:35 m.	Last recording on	2013/07/02 10:27 p.
Validation parameters			
Absolute minimum limit	5,00 °C	Absolute maximum limit	30,00 °C
Minimum limit	10,00 °C	Maximum limit	27,00 °C
Ignore first (minutes)	1	Ignore last (minutes)	1
MKT Activation energy	83,00	Maximum duration (d hh:mm)	1 0:0
Informations			
Sender	Tempsoft	Receiver	MaxSoft

TempNFC RC (Rigid Case) – Contact less temperature data logger with NFC technology, with rigid case, managed through Android devices with dedicated App from Google Play. The data logger is available in different versions, with calibration certificate included too or sold separately.



Dimensions	67 X 20 X 97 (mm)
Temperature range	-30° C ÷ 60° 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)	3928 (notes may reduce memory)
Acquisition rate	From 1 second up (in steps of 1 second)
Battery life	Up to 10 years or 3 millions of acquisitions user replaceable

TempNFC RCE (Rigid Case) with external probe – Contact less temperature data logger with NFC technology, with rigid case and external probe, managed through Android devices with dedicated App from Google Play. The data logger is available in different versions, with calibration certificate included too or sold separately.



Dimensions	67 X 20 X 97 (mm)
Probe dimensions	Cable 700 l X 2 Ø (mm) Probe 20 l X 3 Ø (mm)
Temperature range	-30° C ÷ 60° C
Probe temperature 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)	3928 (notes may reduce memory)
Acquisition rate	From 1 second up (in steps of 1 second)
Anti-tamper function	Using the wall mount it will indicate on the app when the logger is placed in its support and when it is removed.
Battery life	Up to 10 years or 3 millions of acquisitions user replaceable

TempNFC RCA (Rigid Case) with anti-tamper – Contact less temperature data logger with NFC technology, with rigid case, managed through Android devices with dedicated App from Google Play. With anti-tamper function on repositioning (available with the use of the wall mount, code TS04NWM, only). The data logger is available in different versions, with calibration certificate included too or sold separately.



Dimensions	67 X 20 X 97 (mm)
Temperature range	-30° C ÷ 60° 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)	3928 (notes may reduce memory)
Acquisition rate	From 1 second up (in steps of 1 second)
Anti-tamper function	Using the wall mount it will indicate on the app when the logger is placed in its support and when it is removed.
Battery life	Up to 10 years or 3 millions of acquisitions user replaceable

TempNFC RCAE (Rigid Case) with anti-tamper and external probe – Contact less temperature data logger with NFC technology, with rigid case and external probe, managed through Android devices with dedicated App from Google Play. With anti-tamper function on repositioning (available with the use of the wall mount, code TS04NWM, only). The data logger is available in different versions, with calibration certificate included too or sold separately.



Dimensions	67 X 20 X 97 (mm)
Probe dimensions	Cable 700 l X 2 Ø (mm) Probe 20 l X 3 Ø (mm)
Temperature range	-30° C ÷ 60° C
Probe temperature 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)	3928 (notes may reduce memory)
Acquisition rate	From 1 second up (in steps of 1 second)
Anti-tamper function	Using the wall mount it will indicate on the app when the logger is placed in its support and when it is removed.
Battery life	Up to 10 years or 3 millions of acquisitions user replaceable

How to choose the right model for your application?

If your activity is temperature controlled **transport** and the **data logger returns to the sender** at the end of the transport to be downloaded or the drivers take care of it, choose the **reusable** version, TS01TNFC.

Choose **reusable** version, TS01TNFC, if you need to monitor **fridges and environments** too.

If your business is transport and you **don't want to manage reverse logistic**, meaning you don't want the logger to be shipped back to you after delivery, and the data will be downloaded directly by the recipient with its own smartphone and immediately shared with you, the sender, choose the **single use** version, TS01TNFCS.

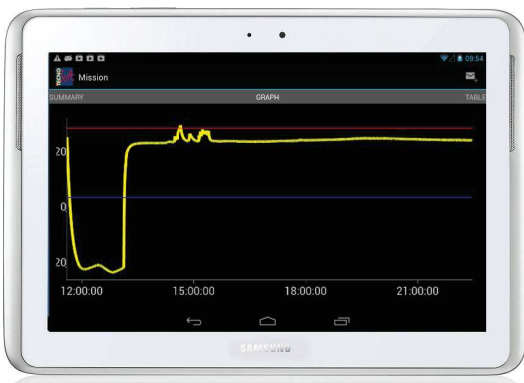
Both for reusable and single use version it is possible to order the **calibration certificate on 4 standard points**, TS01TNFCA2. The recalibration service for any model of TempNFC can be ordered as well. Annual calibration is suggested.

If your application demands the use of a calibrated device, **valid in the last year**, and you don't want to risk to use devices with a calibration older than a year, choose the **TempNFC Calib with certificate** on the 4 standard points, TS0TNFCC2, version. When the calibration expires (after one year) the logger cannot be reprogrammed but can be reactivated sending it back for recalibration.

To be recalibrated the loggers must be sent back to Tecnosoft.

Compatible devices



All Android devices version 4.1.2 and with NFC features.



TempNFC Android App downloadable from Google Play

Data management	Data stored in internal memory, SD Card, Cloud; share via email and Cloud
Data display	Graph, table, mission parameter summary, PDF
Information input	Via display keyboard, voice, Barcode/QR Code reader

Available versions

Lite	Pro	Enterprise (Ent)
		

TempNFC Accessories

Wall mount – TempNFC RC and TempBLE support for wall mounting of the data loggers. Possibility to use screws or bi-adhesive (screws are included). If used with TempNFC RCA and RCAE it will enable the anti-tamper function on position of the data logger.



Dimensions	130 X 87 X 24 (mm)
Included	Screws, bi-adhesive

TempNFC Services

Calibration & Recalibration	page 86
Calibration Extra Points	page 87
Batteries & Battery Change	page 88