



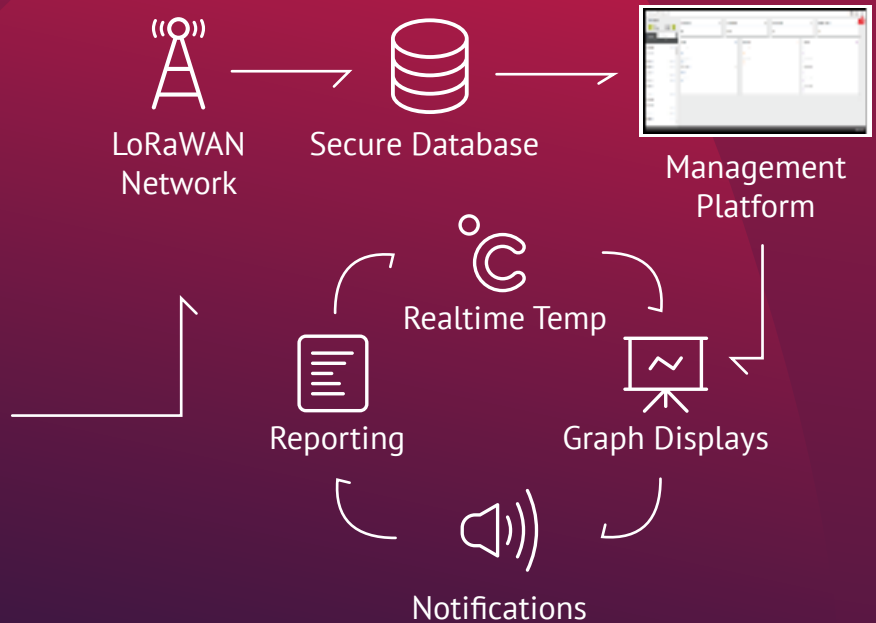
THERMOLOGIX
TEMPERATURE MONITORING SPECIALISTS

NANOTAG

THE FUTURE IS HERE

Plug-and-Play

Simply switch on your device to start logging temperature readings every 10 minutes.



Description

The LoRaWAN network is utilized to send the data from any of the temperature devices to our Thermologix Smart platform for processing. This data is then translated to a simplified form and displayed to the end-user in easy-to-understand graphs. The end-user can set their own limits and notifications, as per the requirement.

ThermoCloud Smart Management

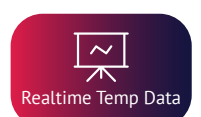
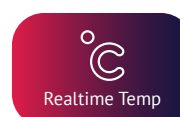
Benefits for all stakeholders. Technology for every step.

The Thermologix App is an end-user temperature management tool using our ThermoCloud technology.

It's as simple as scanning a QR code to add your personal device.

Enjoy real-time temperature displayed in the palm of your hands.

Easily manage multiple devices at the same time.



Overview

Long range connectivity

Easy to install

Data transmitted through the LoRaWAN network

Low power consumption

Temperature measurements every 10 min

Measuring Range from -30°C to 60°C

Layered platform for all devices

Download reports from Dashboard

General Information

Dimensions: 95 x 130 x 1.5 mm

Operating Temperature (Enclosure): -30 °C to +60 °C

Weight: 6.5g

Antenna: Internal

Housing: Water and dirt resistant

Mounting Options: 3M adhesive backing with release liner

Device voltage indicator and low battery notification

Download reports from live dashboard

RF Capabilities

RF Power: 14dBm (25mW)

RF Sensitivity: up to -127dBm

Software & Management

Dashboard device management tool

Installation application with standard operating procedure

End-user application for usage and notification settings

Multi-user dashboard with real-time views

Secure access with different user access roles

Specification Sheet (NANO.TMP)

Dimentions	130mm(L) x 95mm(W) x 1.5mm(H)
Battery	LiMnO2 Up to 1.5 years operational battery life @ 10min reporting
Enclosure	Water and dirt resistant, food-grade packaging Operating temperature -30°C to +60°C
Communication (RF)	LoRaWAN Protocol 868.1 MHz FSK EN 300 220-1, EN 201 489-1,3 Output Power @ 10dBm (10mW)
Memory Type	Non-volatile flash - 2000 temperature sample rolling buffer
Temperature Range	-30°C to +60°C
Temperature Accuracy	+/- 0.5°C for 40°C to 60°C +/- 1°C for -30°C to 40°C
Read Range	Line of sight (Unobstructed) Up to 15km Inside a metal carrier (Obstructed): Up to 1.5km
Weight	6.5g
Sampling Intervals	Every 10 min, can be changed on request before placing order
Activation Method	Rip Sensor (buttonless)
Resolution Accuracy	+/- 1°C within range of -30°C to +20°C