



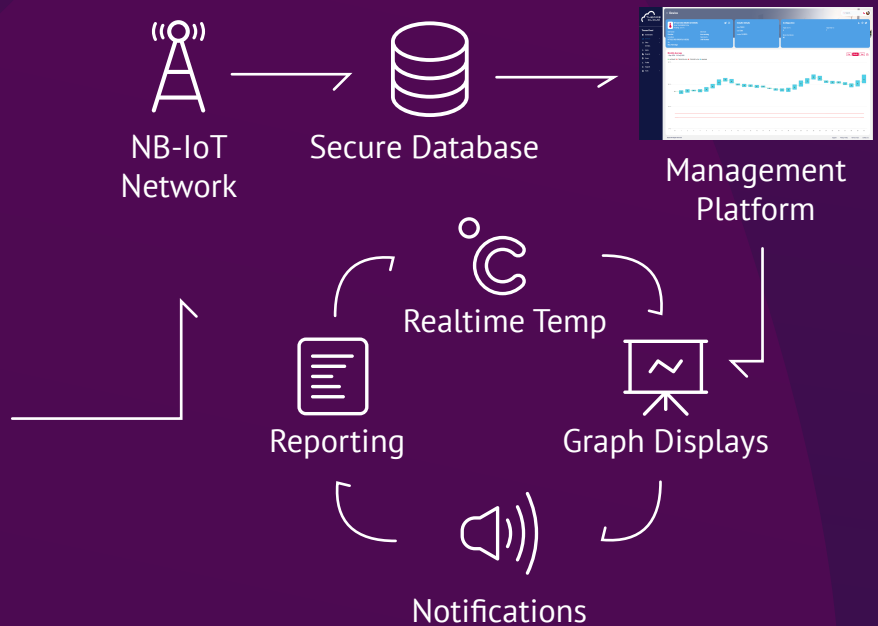
THERMOLOGIX
TEMPERATURE MONITORING SPECIALISTS

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THE FUTURE IS HERE

Plug-and-Play

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



Description

The NB-IoT 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

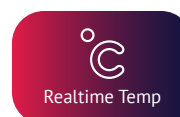
Benefits for all stakeholders. Technology for every step.

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.

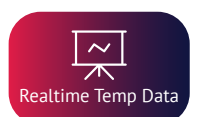
Easily manage multiple devices at the same time.



Realtime Temp



Set Alerts



Realtime Temp Data

Overview

Long range connectivity

Easy to install

Data transmitted through the NB-IoT network

Low power consumption

Temperature measurements every 10 min

Measuring Range from -15°C to +70°C & 0% to 99% RH

Layered platform for all devices

Download reports from Dashboard

General Information

Dimensions: 124 x 60 x 26 mm

Mounting Options: Enclosure with adhesive backing

Weight: 130g

Antenna: Internal

Housing: Water and dirt resistant

Device voltage indicator and low battery notification

Download reports from live dashboard

Bluetooth-LE Capabilities

RF Power: 2,5 mW (4 dBm)

RF Range: up to 100 m (LOS)

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 (INTEGRA.TMP)

Temperature Sensor	Range: -15° to 70°C Accuracy up to 0.4°C Resolution: 0.1°C Drift: <0.1°C / year Measurement interval: 1 minute to 10 days, configurable Memory size: 40 000 measurements
Humidity Sensor	Range: 0 to 99% RH Accuracy: 4% in 0 to 80% RH Resolution: 1% Drift: <0.25% / year Hysteresis: +/- 1 %RH
NB-IoT	NB-IoT bands: Default: B8 and B20 On request: B1/B2/B3/B4/B5/B8/B12/B13/B17/B18/B19/B20/B25/B26/B28/B66 3GPP: Release 13 Power: 23 dBm ±2 dB
Bluetooth LE	Radio module frequency: 2,4 GHz Power: 2,5 mW (4 dBm) Range: up to 100 m (LOS)
Communication	Protocol: CoAP; Transmission interval: 5 minutes – 10 days, configurable
Software Updates	Over the air (with delta mechanism)
Power Supply	6300 mAh Internal Battery Battery operating time: up to 5 years
Dimensions	124x60x26 mm Weight: 0,13 kg