



**PATENTED**

# TEMPERATURE LOGGER - TT Sensor Plus

Sustainable energy for indoor devices

## WHAT IS TT SENSOR PLUS

Advanced temperature logger with **Near Field Communication (NFC)** communication protocol.

Temperature measurements are recorded according to a specific cycle time (defined by the end user). Data can be saved in internal memory or can be transmitted in real time.

## APPLICATIONS

The temperature logger collects data in **cold chain logistics**, such as transportation and storage of :

- Agricultural products
- Frozen foods
- Pharmaceutical products



OUR WEBSITE

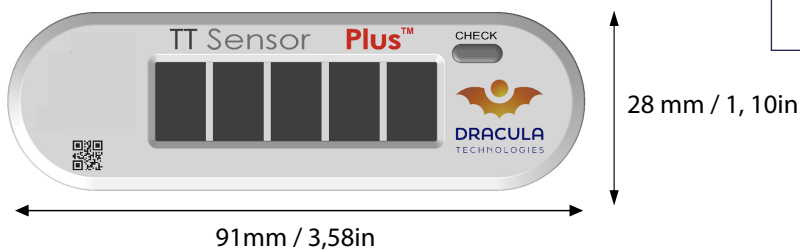
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## MAIN FEATURES

- Operating temperature : **-30°C / +60°C**  
**-22°F / +140°F**
- Temperature sensor (NHS3100) accuracy :
 

<b>±0.5 °C</b> absolute temperature accuracy between -30 °C and 0 °C	<b>±0.3 °C</b> absolute temperature accuracy between 0 °C and +45 °C	<b>±0.5 °C</b> absolute temperature accuracy between +45 °C and +60 °C
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- TT Sensor Plus lifetime : **more than 10 years**
- Communication protocol : **NFC (RFID ISO 14443 type A interface) or BLE**
- Charging time : **10 to 15 minutes according to ambient illuminance**
- Operating time : **Once charged able to operate 24h in dark**



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## WHAT'S NEW

This device is **self-powered** by Dracula Technologies OPV (organic photovoltaic) - LAYER®.

- Battery Less - TT Sensor Plus works without battery.



Organic photovoltaic module - powering the TT Sensor Plus.



## WHAT'S NEXT

- TT Sensor Plus with NFC and BLE (Bluetooth Low Energy) communication protocol reaching **12 days of autonomy in dark**

