

Temperature Logger TT Sensor Plus

Beyond Batteries, Beyond Imagination:
LAYER® Lights Up Innovation.



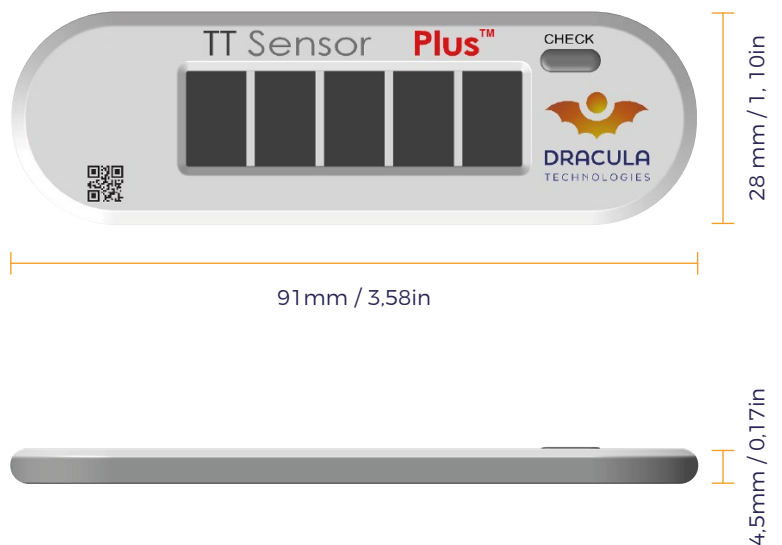
What is the TT Sensor Plus

Advanced temperature logger with Near Field Communication (NFC) protocol. Temperature measurements are recorded based on a specific cycle time (defined by the end user). Data can either be stored in internal memory or 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





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Main features

Operating temperature

-30°C / +60°C
-22°F / +140°F

Temperature sensor (NHS3100) accuracy

±0.5 °C absolute temperature accuracy
between -30 °C and 0 °C

±0.3 °C absolute temperature accuracy
between 0 °C and +45 °C

±0.5 °C absolute temperature accuracy
between +45 °C and +60 °C

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



What's new?

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



LAYER® - Dracula Technologies' Organic Photovoltaic Module



What's next?

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

