



TEMPERATURE LOGGER - TT Sensor Plus

PATENTED

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 stored 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

dracula-technologies.com
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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
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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

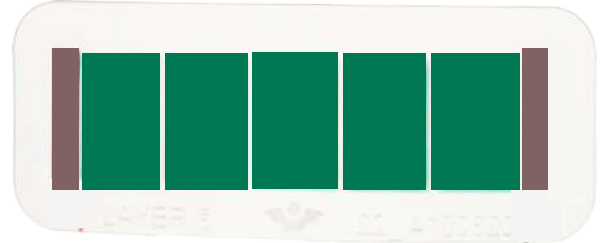
Operating time

Once charged able to operate 24h in dark



WHAT'S NEW

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

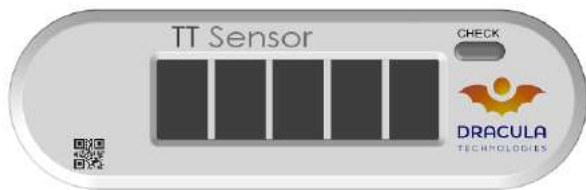


LAYER® 6B module from Dracula Technologies power the TT Sensor Plus.



WHAT'S NEXT

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



28 mm / 1,10in

91mm / 3,58in



4,5mm / 0,17in



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