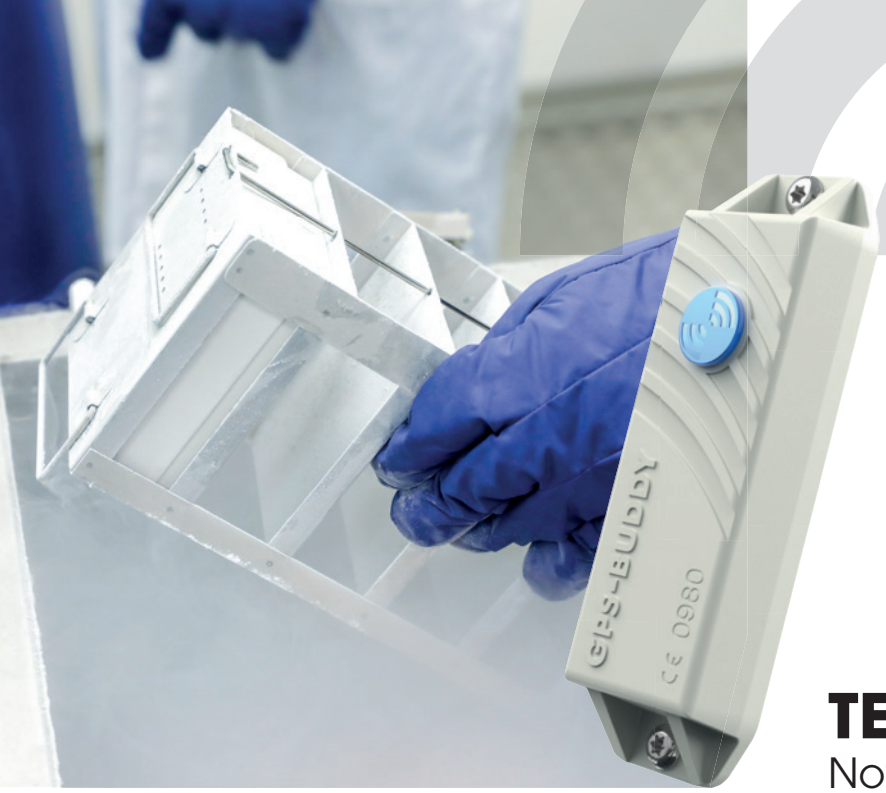


GPS-BUDDY
GRIP ON MOVING ASSETS

TEMPERATURE-TAG

Not a degree out of sight

BATTERY LIFE
up to 8 years

SMARTRANGE
adjusts transmission power to the distance to the gateway

MEASURING RANGE
–40°C to +85°C

REPORTING
in line with HACCP and GDP

MEMORY
buffers data when there is no coverage

EASY MOUNTING
screws, adhesive or cable ties

HYBRID IOT ECOSYSTEM
all data visible in Flowter

COST-SAVING
quick ROI through control

This tag continuously measures the temperature at every location where your goods are stored or in transit. Attach it in a refrigerated or freezer trailer, cold store or storage room and see not only where your goods are, but also at what temperature they were transported and stored. For eight years, with no cable, SIM card or maintenance.

COMPLETE TEMPERATURE HISTORY IN VIEW

The integrated sensor continuously registers the temperature around your goods. This way, you know at any moment whether your refrigerated goods are staying at the right temperature. Even when there is temporarily no gateway nearby. The tag then stores all measurements and forwards the complete temperature history as soon as a gateway is

back within range. With Alerting, you can also set when you want to receive an alert, for example when the temperature falls outside the set limit. You also choose how that alert reaches you: in Flowter or by email.



REPORTING IN LINE WITH HACCP AND GDP

Flowter automatically compiles reports in line with the HACCP and GDP guidelines. For each asset, trip or location, you can see whether your goods stayed within the limit values, where a deviation occurred and how long it lasted. This makes it easy to draw up a report for every audit and to back up every trip and storage period with objective data.



ADVANCED GATEWAY TECHNOLOGY

Attach the tag in the cold store or trailer you want to monitor. Immediately after mounting, the tag measures the temperature and also reports its location. Using an algorithm, this data is transmitted via a signal that is picked up by your own XT-4 gateways, or by one of the tens of thousands of GPS-Buddy gateways driving through the Netherlands every day. Every gateway thus contributes to better coverage for everyone. As soon as the tag comes within range, the XT-4 forwards the collected data to Flowter. There, you see not only where your assets are, but also at what temperature.



SMARTRANGE™

SmartRange is a technology developed by GPS-Buddy that automatically adjusts the signal strength to the distance to the nearest gateway. Is an asset far away or behind several obstructions? Then the tag increases its transmission power. As the tag gets closer to a gateway, it automatically switches back down and the location becomes more precise.



EASY INSTALLATION AND ACTIVATION

You link the tag to Flowter yourself via the app. Then you mount it with screws, adhesive or cable ties at the spot you want to monitor: in the cargo space of a refrigerated or freezer trailer, in a cold store or in a storage room. Thanks to the IP68 housing, the tag can be placed indoors and outdoors.



LONG BATTERY LIFE AND STRONG RANGE

RFID technology means no expensive GPS modules, no SIM card and no heavy battery. The battery of this tag lasts up to eight years and is easy to replace. The range of the RFID signal is more than ten times stronger than that of industrial Bluetooth alternatives. This helps the signal penetrate refrigerated bodies and metal cargo spaces and cover greater distances in the field. The result is a reliable picture of your cold chain.



THE FIRST HYBRID IOT ECOSYSTEM

The data from all your moving assets comes together in one environment: Flowter, the first hybrid IoT ecosystem on the market. Vehicles, machines, tools, materials and people become visible side by side in real time, and all GPS-Buddy hardware works together there to form a single picture of the operational chain. That is Asset Intelligence: managing for efficiency, compliance, sustainability and safety. This is where data becomes insight, and insight becomes decisions.

SPECIFICATIONS

Dimensions 124 × 36 × 18 mm
Battery Li-MnO2, 2400 mAh
Interface RF (Sub-GHz) & NFC
Material High-grade industrial resin
Measuring range –40°C to +85°C (±0.5°C)
Operating humidity 5–95% RH (non-condensing)
Ingress protection IP68 dustproof and waterproof

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