GPS-BUDDY
GRIP ON MOVING ASSETS



ASSET-TAG

No power of its own,
still in view

BATTERY LIFE
up to 8 years

SMARTRANGE
adjusts transmission power to the distance to the gateway

MOTION SENSOR
remembers the last location when stationary

CARGO ASSETS
sees which materials are in transit

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 advanced asset tracker is changing the world of asset tracking by making equipment without its own power supply visible. Attach it to machines, tools or trailers and collect not only location data, but also insight into how those assets are used. For eight years, with no cable, SIM card or maintenance.

ADVANCED GATEWAY TECHNOLOGY

Attach the tag to the asset you want to know more about. Immediately after mounting, the tag starts collecting location data, as well as usage data such as operating hours. 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 how they are performing.



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.



ACCURATE LOCATION THANKS TO MOTION SENSOR

The integrated motion sensor registers when your equipment is set down and stops moving. The tag automatically remembers this last accurate location. When movement is detected again, the tag searches for a new signal. Once this signal is picked up, the tag transmits the current position and usage data.



CARGO ASSETS

The software automatically recognises which materials are being transported in which semi-trailer, trailer or low-loader. You can see immediately whether the right load has been taken along, whether anything is missing and whether anything has been left behind at the wrong location. With Alerting, you can also set when you want to receive an alert, for example when equipment leaves a project site outside working hours. You also choose how that alert reaches you: in Flowter or by email. That saves searching, unnecessary trips and the costs of errors that come with them. This way, you keep a firm grip on all your equipment that moves between projects.



EASY INSTALLATION AND ACTIVATION

You link the tag to Flowter yourself via the app. Then you mount it with screws, adhesive or cable ties on the asset you want to track, on the outside or the inside of machines, tools or other equipment. 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 Asset 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 concrete and glass and cover greater distances in the field. The result is a reliable picture of your asset management.



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
Operating temperature –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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