



DISCREET VEHICLE MONITORING WITH ASSET TRACKER

INTRO

Vehicle theft remains a growing challenge, reaching new heights in some countries. It is a major concern for fleet owners in the leasing and rental industry. Fortunately, Teltonika asset GPS trackers can help overcome this challenge and help businesses save valuable resources and avoid inconvenience.

CHALLENGE

Car theft is a real headache for fleet managers and business owners, especially those involved in leasing and car rental. According to NICB, more than **1 million** cars were stolen in the US alone in 2022, reaching such a number for the first time since 2008. [Fleet News](#) provides data on increased vehicle thefts in the first half of 2022 as lockdown restrictions were lifted.

Regular vehicle trackers help to solve this concern, but they are harder to hide because they need to be connected to a power source – vehicle battery. Experienced thieves expect to find a GPS tracker and will try to locate it, so some solutions require a tracking device that can be easily hidden in different parts of the vehicle without leaving a trace, making it much more difficult for thieves to find and compromise such devices.

Finally, companies are always looking for ways to make their operations more efficient. Labour costs are usually a **significant part** of a company's expenses and having a tracker that doesn't need to be installed and can be placed anywhere in the vehicle would be very useful, especially in countries where labour is expensive. Fortunately, Teltonika Telematics has just the right device to meet all of these challenges.

SOLUTION



To secure a vehicle wirelessly and reliably, we use the [TAT140](#) asset tracker with 4G LTE connectivity. It's very easy to hide anywhere in the car, there is no need to connect any wires, and it provides accurate GNSS location tracking.

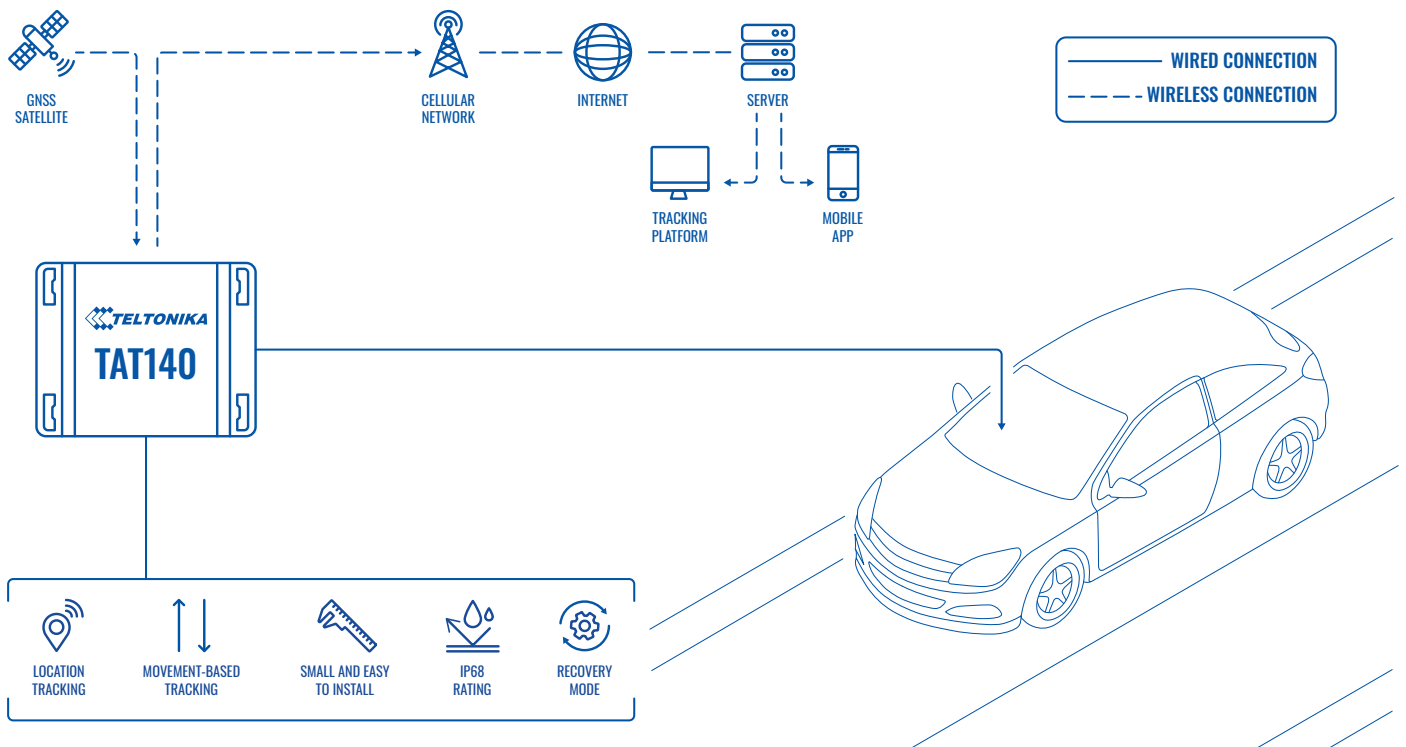
How it works - Teltonika TAT140 model can send records in a variety of ways depending on the exact project requirements:

- Movement-based **periodic tracking**, where can be chosen different tracking periods when the vehicle is moving and when not. So, fleet owners can choose to report more frequently when the vehicle is on the move and less frequently when it's parked to extend battery life.
- Managers can also choose to receive **only movement events**. In this way, the TAT140 would send separate records when the vehicle starts to move without location data (if the GNSS fix was successfully caught last time), allowing the record to be sent faster and the vehicle owner to be informed of the movement. Thus, the fleet manager would be informed and could take immediate action if the vehicle starts moving when it shouldn't.
- The third option is to use the **weekly scheduler**, where operators and managers can simply choose to receive records at the specified time on selected days. For example, two records on a regular day and three records per day on days when the crime rate is higher in a particular area.

Another key advantage of this solution is that the TAT140 is in Sleep mode most of the time. This means that if thieves use a signal scanner to find the tracker, they won't be able to detect it while it's in Sleep mode and won't be able to remove it. Later, the asset GPS tracker would wake up to send the periodic or scheduled record that confirms the vehicle location.

In the event of a theft, a fleet operator or manager can activate the Recovery mode of the TAT140, enabling frequent reporting and greatly increasing the chances of finding and recovering the stolen vehicle. The Recovery mode can be triggered by a simple SMS/GPRS command. Please note that the tracker would only respond to the command if it wakes up according to the periodic or scheduled tracking settings.

TOPOLOGY



BENEFITS

- **Reliable car theft prevention and recovery** - the TAT140 periodically reports vehicle location and enters recovery mode when required.
- **Quick and easy to install** - the asset tracker is wireless and runs on an internal battery, so there is no need to run any wires or mount it in a special place.
- **Easy to hide** - the TAT140 tracking device can be placed differently in each vehicle and has no wires so it's hard to find.
- **Increased vehicle security** – Teltonika TAT140 spends most of its time in Sleep mode, making it undetectable by signal scanners used by some thieves.
- **Operates independently** - the asset GPS tracker operates from its internal battery and is not dependent on the vehicle battery or other external factors.

WHY TELTONIKA?

To successfully improve the management, protection, and safety of motorcycle fleets, we offer a functional choice from Teltonika - the all-new FMB965 vehicle GPS tracker with a robust IP67 casing, a high-capacity internal battery, a new sleep mode and an impressive set of handy usage scenarios.

We are the right place to get all you need to succeed - the most abundant variety of top-quality certified GPS trackers, accessories, and solutions for any use case imaginable in vehicle telematics. From the start of the company 24 years ago until today, Teltonika 2,000 strong and growing team has manufactured 16 million IoT devices, helping to succeed thousands of customers and partners in over 160 countries across the globe.

FEATURED PRODUCT

TAT140

RELATED PRODUCT

TAT100

