



Tetis

ASS52103_4G_CAT1, ASS52104_4G_CAT1

Tetis is the ideal solution to ensure the safe delivery of your container— from the moment the it's sealed until it's opened at its final destination.

With real-time updates, **Tetis** provides detailed information throughout the journey. Even without continues connectivity, it generates comprehensive after-the-fact reports, including a full log of the container's movements.

Instant Alerts for Irregular Events

Tetis immediately alerts you to any irregular event, such as accidents, damage, attempted break-ins, or unauthorized container door openings.

Comprehensive Monitoring & Easy Installation

Installs easily on the container's door hinge

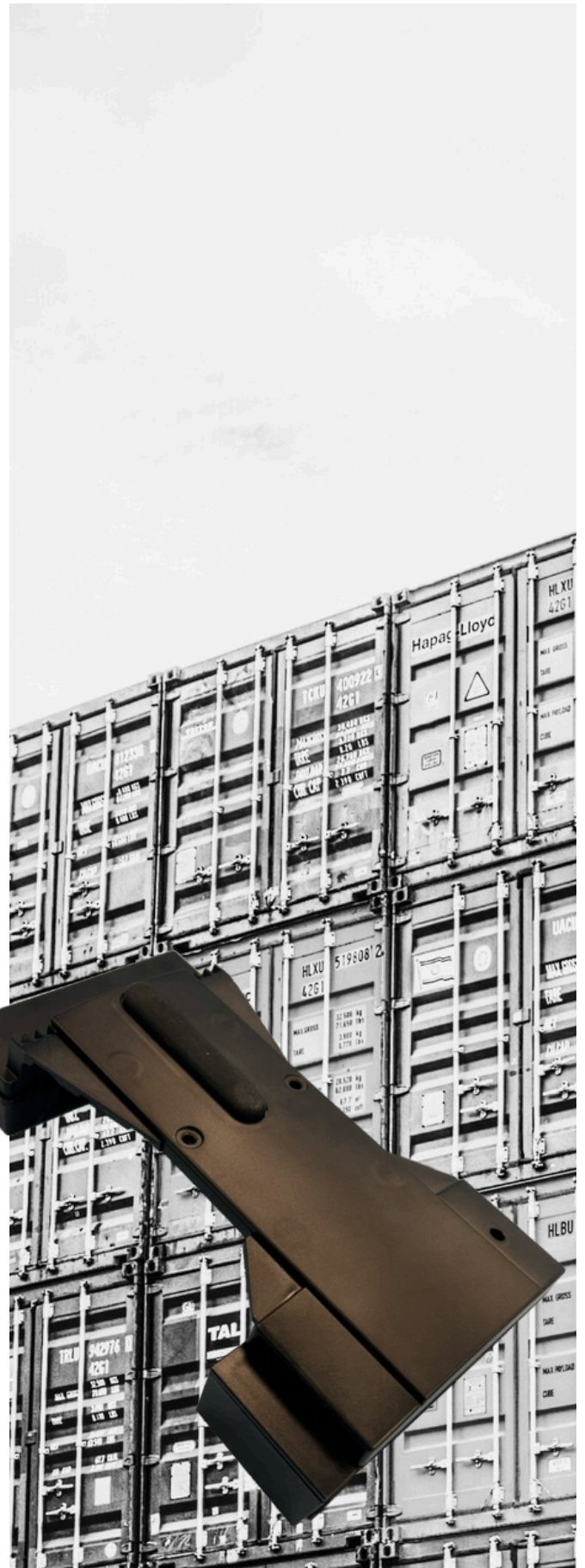
Equipped with a cellular engine and GNSS receiver for precise location tracking

A unique event generator for status monitoring and customized alerts

Built-in accelerometer, temperature, humidity and light sensors detect and alert you to cargo loss, theft, or damage

Delivers both real-time alerts and post-journey reports to support proper handling and incident investigation

Tetis tracks your cargo, monitors its safety, and keeps you informed—every step of the way.



General Specifications

Battery	Type Battery Pack	Li-Ion 5000mAh (10,000 mAh Optional)
Power Consumption	Sleep/Idle GNSS only Cellular only GNSS and Cellular	0.05mAh 75 mAh 100mAh 165 mAh
General	Communication Modes Location Technology Operating Voltage Status LEDs Bluetooth	GPRS, LTE and TCP/UDP 56 Channels GNSS 3.7 DC Three indication LEDs BLE 5.3
Cellular	Data Support LTE CAT1 LTE Power LTE Data Rate GSM GSM Power SIM Card	TCP, UDP B1/ 2/ 3/ 4/ 5/ 7/ 8/ 12/ 13/ 17/ 18/ 19/ 20/ 25/ 26/ 28/ 66 Class 5 (20dBm) CAT-1: DL: 10Mbps, UL: 5Mbps 850/900/1800/1900 Mhz Class 10 1.8/3.3 V
Dimensions	Size	200 x 100 x 40 mm (7.8 x 3.9 x 1.6 inch)
GNSS	Location Concurrent GNSS Channels Tracking sensitivity Antenna	GPS/ QZSS, Glonass, Galileo, BeiDou 4 Up to 72 -167dBm Active
Interface	Charging Cord Installation-button Door Switch USB	USB-C connector 1 1 1 USB- C (configuration/debug)
Environmental	IP Rating Operating Temperature	IPX7 -20 ~ +60°C
Sensors	Temperature Relative Humidity Accelerometer Light	Range -45°C to +125°C, Accuracy $\pm 1^\circ\text{C}$ Scale 0% to 100%, Accuracy $\pm 1.8\%$ Scale $\pm 8g$, Accuracy $\pm 2.5\%$ Resolution 0.025 LUX, Sensitivity 0 - 104,448 LUX (Sunlight)
On Board	CPU Flash Memory	ARM Cortex M3 16Mbit (20,000 records)