

## HARDWARE SOLUTION

# T23 SECURITY PRO

## PROFESSIONAL FLEET SECURITY & TRACKING



Built for demanding enterprise level fleet management and designed for 24V heavy trucks and equipment and built with military grade components. The T23 Fleet Security Pro with embedded intelligence included can operate even without the internet.

## THE MOST TRUSTED GPS TRACKING DEVICE BY GOVERNMENTS & PUBLIC SECTOR

Ability to use device offline and online

Operate even without the internet

Embedded intelligence

2- way voice communication

Military grade hardware components

Wide range of professional accessories

## T23 FLEET KEY FEATURES



Geofencing to detect unauthorized vehicle use / detours



Ignition detection and disabling (optional)



Periodic reporting based on time or distance traveled



GPS anti-jamming features to remove interference from up to 8 jammers



Power reporting to detect disconnection / low vehicle bat



Motion detection to secure parked vehicles & unguarded assets



Landmark data for easy navigation even when maps are unavailable



Analog sensors, e.g. for fuel and voltage measurements



SOS button to send out vehicle location during emergencies



Speed reporting to improve driving habits



Multiple 1-wire sensors, e.g. Driver ID and Temperature Sensor



Idle alarm to detect unattended running engines

## MONITOR YOUR VEHICLES' STATUSES

Conveniently follow up on your vehicles' maintenance schedules with the T23's odometer engine hours, as well as monitor the engines' or compartments' temperatures with the temperature sensor. All statistics, e.g. total trips, distance traveled, average speeds, etc., can be automatically compiled into reader-friendly visuals and reports!



## KEEP TRACK ON DRIVING HABITS AND REDUCE FUEL CONSUMPTION

### FUEL MONITORING & MANAGEMENT

Tramigo fuel monitoring and management solutions is a cost-effective solution that works perfectly with Tramigo T23 Fleet Security Pro which includes high-performance components, for professional fleet management and monitoring in exceptionally challenging operational environments.



## TRAMIGO T23 SECURITY PRO TECHNICAL DATA

### Hardware Specifications

Size	130 mm x 60 mm x 26 mm
Weight	165 g (with battery), 125g (without battery)
Battery	Li-ion, 1300 mAh Note: Internal backup battery
Operating Voltage	Input Voltage 6 - 32 DC 3.7 V, 1300 mAh, Li-Polymer backup battery Charging through USB or DC supply input, Typical power consumption 40-90 mA, standby 1 mAh.
Operating Temperature	-20 - +80 °C, Li-ion discharge -20 - +60 °C, Li-ion charge 0 - +45 °C

### GSM

Frequency	850 MHz, 900MHz, 1800 MHz, 1900MHz
Modem	Sierra Wireless HL6528 GSM/GPRS (Multi slot class 10, Terminal B)
Communication	SMS, TCP, UDP

### GNSS Specifications

GNSS Type	UBlox MAX-M8Q 850/900/1800/1900 Internal antenna, Multi slot class 10, Terminal B
Navigation sensitivity	Acquisition -148 dBm
Tracking	-165 dBm
Cold start	<35 s
Hot Start	1 s

### I/O Features

Inputs	1 Dedicated Ignition 2 Switch (SOS, Sensor) 1 Digital (Powercut) 1 Analog (0 - 30V, 12-bits) 1 1-Wire interface (Multiple 1-Wire sensors and meters in one input)
Outputs	1 Digital 1 Dedicated Immobilizer
I/O cable type	12 wires Molex 43045-1200