



**ADK INSTRUMENTS**  
*Where Technology Exists*

# PERSONAL TRACKING

---





**ADK INSTRUMENTS**  
*Where Technology Exists*

## Setting Standards, Today And Tomorrow



We set new principles in client experience and aim to create future-ready products. We take great pride in our products, that reek of quality, and our industry-best personalized services.



We, at ADK Instruments, work on the most important things that an industrial enterprise needs, which include Industrial Measurement Tools. Our tools are designed with utmost precision, and are tested under rigorous conditions, in order to provide a one-stop, fuss-free solution to all our dear patrons.



All our products are meticulously crafted and manufactured, and that personal touch ensures that you never have to worry about the instrumental needs in your work domain.

## ALL CATEGORIES



Air quality



Water  
Quality



Measuring  
Devices



Hydrology



Meteorology



Waste Water



Oceanography



Rugged Systems



Constructional Tools



Modems/Routers



Laboratory  
Technology



Personal Tracking

# HIGH VALUES

---

Our Success is not only due to the quality of our work. It's down to attitude, our approach and the way we treat our clients.

## Focus

We Have A 100% Commitment To Making All Our Sites The Best They Can Possible Be, No Matter What It Takes To Get There.

## Passion

Our Desire To Produce Good Work Runs Deep- That's What Lets Us Handle Every Project With Fresh Energy And Enthusiasm.

## Empathy

Our Desire To Produce Good Work Runs Deep- That's What Lets Us Handle Every Project With Fresh Energy And Enthusiasm.



**ADK INSTRUMENTS**  
Where Technology Exists



# MINI TRACKER EASY

## TMT250

### Description

Teltonika TMT250 is an autonomous personal tracker with GNSS, GSM and Bluetooth connectivity. Our mini tracker is designed for the monitoring of people, pets and cars. It can also be applied for employee control, security staff at the sport events and other use cases to ensure security and control. IP67 waterproof case provides convenient usage, even in harsh conditions. The large battery's capacity expands the application range where long battery life is needed. Also, TMT250 supports firmware and configuration update via Fota WEB.



Specification	Description	
HARDWARE	Module name	Teltonika TM2500
	Technology	GSM/GPRS/GNSS/Bluetooth (4.0 + LE)
	GNSS	GPS, GLONASS, GALILEO, BEIDOU
	Receiver	33 channel
	Tracking sensitivity	-165 dBm
	Accuracy	< 3 m
	Hot / Warm / Cold start	< 1 / < 25 / < 35 s
	Cellular technology	GSM
	2G bands	Quad-band GSM 850 / 900 / 1800 / 1900 MHz
	Data support	SMS (text/data)
	Power	3.8 V 800 mAh rechargeable Li-ion battery
INTERFACE	GNSS antenna	Internal High Gain
	GSM antenna	Internal High Gain
	Bluetooth antenna	Internal High Gain
	Sensors	Accelerometer
	USB	4 pin magnetic USB Cable
PHYSICAL SPECIFICATIONS	Buttons	2 configurable buttons
	Dimensions	44 x 43 x 20 mm (L x W x H)
	Ingress Protection Rating	IP67
CERTIFICATION & APPROVALS	Regulatory	CE/RED, EAC, RoHS, REACH, ANATEL (pending), UKCA (pending)
SOFTWARE	Configuration and firmware update	FOTA WEB (cloud based solution), Teltonika Configurator (USB, Bluetooth), Configuration through SMS
	Scenarios	Alarm button, Man-down detection, Home zone, Inside tracking, Movement/No Movement Events, 50 Manual Geofence zones, Over Speeding, Action on call feature, Real Time tracking, Smart algorithm of GPRS data sending for GPRS traffic saving, Asset tracking

Sleep modes	Online Deep Sleep, Deep Sleep, Ultra Deep Sleep, Low power mode
Protocols	UDP/TCP/SMS
Data sending	Primary, Duplicate and Backup servers
Security	Configuration password, SMS login and password, Authorized GSM numbers list, TLS
Time Synchronization	GNSS, NITZ, NTP
Supported peripherals	Bluetooth LE Movement sensors, LE Magnet sensors, LE Temperature and Humidity sensors and LE Temperature sensors support, iBeacon and Eddystone beacon support.
Configuration and firmware update	FOTA WEB (cloud based solution), Teltonika Configurator (USB, Bluetooth), Configuration through SMS
Scenarios	Alarm button, Man-down detection, Home zone, Inside tracking, Movement/No Movement Events, 50 Manual Geofence zones, Over Speeding, Action on call feature, Real Time tracking, Smart algorithm of GPRS data sending for GPRS traffic saving, Asset tracking
Sleep modes	Online Deep Sleep, Deep Sleep, Ultra Deep Sleep, Low power mode





# PERSONAL TRACKER GH5200

## Description

GH5200 is an AUTONOMOUS personal tracker with GNSS, GSM and Bluetooth connectivity. Device is designed for everyone who performs activity without close or direct supervision of others: for example healthcare visitors, maintenance workers, lone workers or employees working out of standard working hours. The tracker offers high quality voice communication, programmable LED indications and 1050mAh battery to meet latest legislation for lone workers safety and protection.



Two way voice communication

Man down alarm and no movement sensor



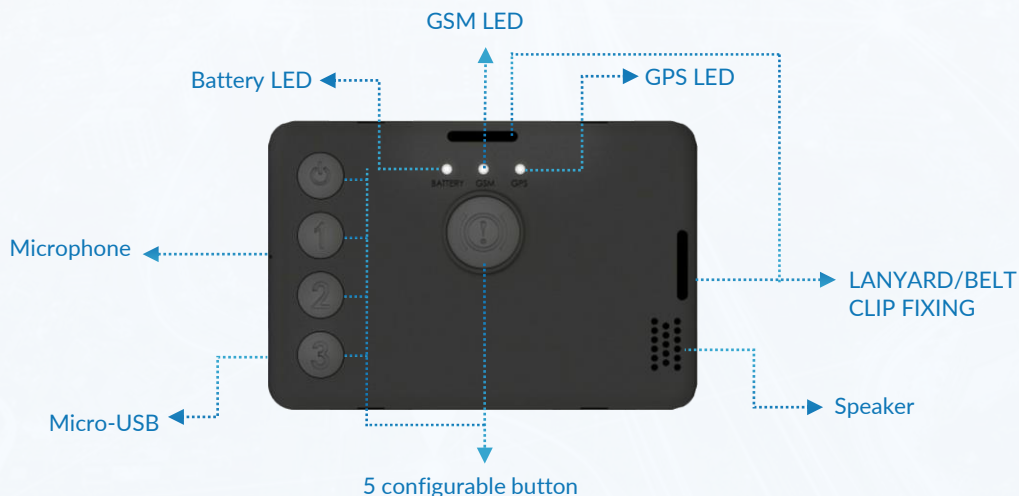
Slim design for comfortable everyday use

5 configurable button



Bluetooth for external devices and Low Energy Sensor

Use 5 call\ SMS recipient in case of emergency event



Specification	Description	
HARDWARE	Module name	TM2500
	Technology	GSM, GPRS, GNSS, BLUETOOTH (4.0 + LE)
	GNSS	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS
	GNSS receiver	33 channel
	Tracking sensitivity	-165 dBm
	GNSS accuracy	< 3 m
	GNSS start times	Hot < 1 s, Warm < 25 s, Cold < 35 s
	Cellular technology	GSM
	2G bands	Quad-band 850 / 900 / 1800 / 1900 MHz
	Charging voltage	5V DC with over-voltage protection
	Battery	1050 mAh Li-Ion battery
	Interface	5 Configurable buttons, GNSS antenna (Internal High Gain), Cellular antenna (Internal High Gain), 2.0 Micro-USB, 3 LED indicators, Micro-SIM, e-SIM possibility, 128 MB internal flash memory
	Device operating temperature	-20 °C to +60°C
	Device storage temperature	-20 °C to +60°C for 1 month; -5 °C to +30°C for 6 months
	Device operating humidity	under 80% non-condensing
	Ingress Protection Rating	IP30
	Sensors	Accelerometer
	Software	Alarm button, Man-Down Detection, Home Zone, Proximity Detection, Amber Alert, Inside Tracking, Movement/No Movement Events, 50 Manual Geofence zones, Over Speeding, Action On Call feature, Real Time tracking, Smart Algorithm of GPRS data sending for GPRS traffic saving, Asset Tracking, Power On/Off event, Event on a Pressed Button, On Demand tracking via button press, Beacon On Demand tracking, Xiaomi Mi Band 2 heart rate measurement and heart rate range exit alerts, Race Mode
	Sleep modes	GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep, Low Power Mode
	Configuration and firmware update	FOTA Web, FOTA, FMB Configurator (USB, Blue-tooth)
PHYSICAL SPECIFICATIONS	SMS	Configuration, Events, Debug
	GPRS commands	Configuration, Debug
	Time Synchronization	GNSS, NITZ, NTP
	Dimensions	95 x 64 x 11 mm (L x W x H)
	Weight	80 g






# ADK INSTRUMENTS

Where Technology Exists



## PARTNERS WHO SUPPORT US



 [www.adkinstruments.in](http://www.adkinstruments.in)  
 [enquiry@adkinstruments.in](mailto:enquiry@adkinstruments.in)

Support Available 24/7  
 +91- 931 024 6652  
 +91- 807 763 6490



121/C1, Gk1, Indirapuram  
Ghaziabad, UP, INDIA, 201014

