

# GH5200

AUTONOMOUS 2G TRACKER FOR PERSONAL SECURITY AND WORKFORCE MANAGEMENT



## TWO-WAY VOICE COMMUNICATION FOR EMERGENCY SITUATIONS

Supporting up to 5 call/SMS recipients allows to transmit a text message or initiate a call instantly when immediate help is needed

## CONFIGURABLE BUTTONS FOR PERSONALISED USAGE SCENARIOS

5 programmable buttons can be used for amber alert, action-on-call, on-demand tracking and many other events

## BUILT-IN MAN-DOWN, ALARM & NO-MOVEMENT SCENARIOS

Special pre-programmed scenarios to ensure personal safety of lone workers and vulnerable people

## SMALL IN SIZE & COMFORTABLE TO WEAR

Slim design for convenient everyday use as a ID card holder that can be put on a neck or a belt



LONE WORKER PROTECTION



SOCIAL DISTANCING



CONSTRUCTION WORKERS



TELECARE



WAREHOUSE STAFF

This autonomous tracker is designed for everyone who performs activity without close or direct supervision of others, for example, healthcare, maintenance, social and lone workers or employees working out of standard working hours. The device acts as a solution to ensure social distancing whilst collecting data on workers' actions over the working day. Strong battery, High-quality voice communication for emergencies, five programmable buttons, man-down and no movement scenarios are among the key functions that make this device most wanted in the market.



## Module

|                              |   |
|------------------------------|---|
| Module name                  | TM2500  |
| Technology                   | 2G (GSM/GPRS)/GNSS/BLUETOOTH® LE  |
| GNSS                         | GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS   |
| 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 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 +58°C   |
| Device storage temperature   | -20 °C to +60°C for 1 month; -5 °C to +30°C for 6 months  |
| Device operating humidity    | 5% to 95% non-condensing  |
| Ingress Protection Rating    | IP30  |
| Sensors                      | Accelerometer   |

## Software

|                                   |   |
|-----------------------------------|---|
| Scenarios                         | Home Zone, Proximity Detection, Over speeding, Man – down, Alarm, Auto Geofence, Manual Geofence, Action on call, No-Movement Event, on Demand Tracking |
| Sleep modes                       | GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep, Low Power Mode  |
| Configuration and firmware update | FOTA WEB (cloud based solution), Teltonika Configurator (USB, Bluetooth® wireless technology), Configuration through SMS                                |
| SMS                               | Configuration, Events, Debug  |
| GPRS commands                     | Configuration, Debug  |
| Time Synchronization              | GNSS, NITZ, NTP   |

## Physical specification

|            |                             |
|------------|-----------------------------|
| Dimensions | 93 x 64 x 10 mm (L x W x H) |
| Weight     | 80 g                        |