

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