

# GH5200 MAN BADGE PLUS

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 **TELTONIKA**

# GH5200 MAN BADGE PLUS

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 and under difficult conditions.

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 & No  
Movement scenarios



Slim design for  
comfortable every  
day use



5 configurable  
buttons



Bluetooth for external  
devices and Low Energy  
sensor



Up to 5 Call/SMS  
recipients in case of  
emergency event



# GH5200 MAN BADGE PLUS

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, Bluetooth)
SMS	Configuration, Events, Debug
GPRS commands	Configuration, Debug
Time Synchronization	GNSS, NITZ, NTP

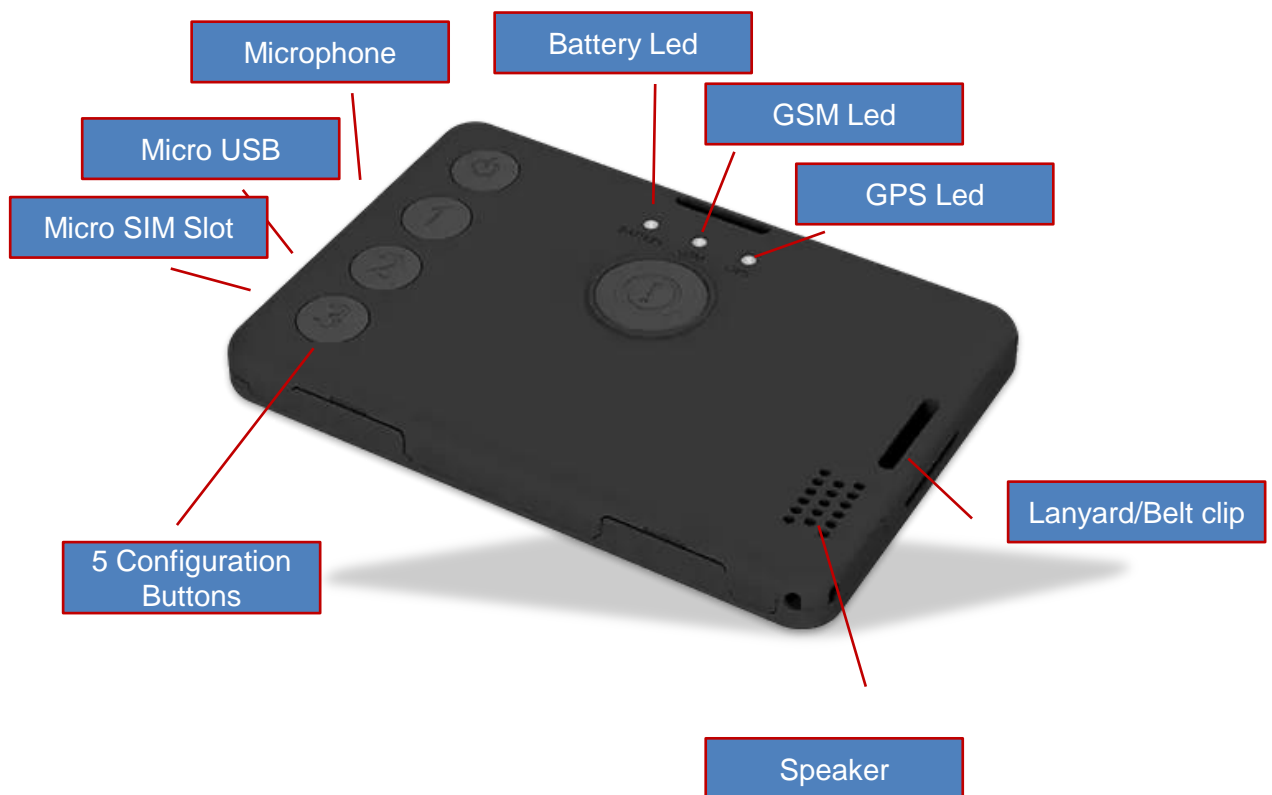
# GH5200 MAN BADGE PLUS

Man Badge PLUS (or GH5200) was crowned as Teltonika Mobility best-selling device in 2020 and there are compelling reasons for it.

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.



# FOTA WEB

## Automatic FMB device firmware and configuration update tool

A brand new and exciting solution for remote access to your FMB! FOTA WEB enables firmware upgrades and configuration changes of FMB devices without a need of a dedicated application – everything is achieved through your regular Web browser, from any device.



Multiple device configuration/updates



History of actions with devices



Easy to use



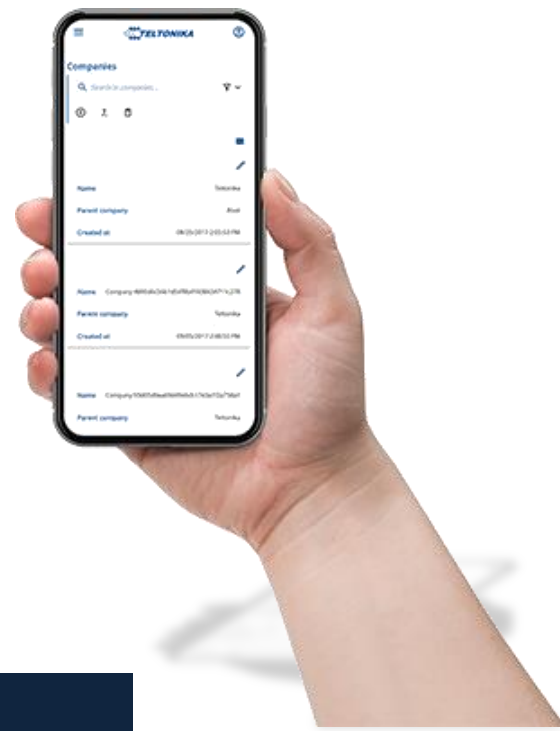
All devices come pre-registered

**FIRMWARE AND CONFIGURATION:** Make it easy - remotely configure single or group of FMB devices. Save configuration templates for different scenarios and conveniently use when needed.

**EASY WEB ACCESS:** With FOTA WEB you will have easy access to your fleet from anywhere – no additional tools or operating system restrictions – just open your browser and login to the platform!

**HISTORY:** You will always know what actions have been taken with each FMB device at any given time

**USER-FRIENDLY EXPERIENCE:** All your purchased devices come pre-registered to FOTA WEB and appear on your account right after the purchase.



# TMT250 OFFENDER TRACKER

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 **TELTONIKA**

# TMT250 OFFENDER TRACKER

Offender Tracker is an AUTONOMOUS Offender monitoring device with Tamper detection, alarm button and no-movement feature.



Geofencing allows to mark zones and send notifications in case of zone breach



Built-in Accelerometer sensor for more accurate data about movement



Quick notification to call in case of emergency



Additional sensors' support which increases the accuracy of the Home Zone



Instantly sends the notification when the bracelet has been breached



Water resistant for use outdoors and in the shower



**EASY TO MOUNT** It can be easily mounted, no additional tools are required

**ALERT BUTTON** On-demand Alert button is integrated into the unit

**TAMPER DETECTION** Automatically generates Tamper alert notifications if the offender tries to remove or damage the device

**EASY MAGNETIC CHARGING** Easy charging without removing the unit

**HOME ZONE** Indoor tracking with Bluetooth beacons and automatic Home Zone breach alarms

**GEOFENCE ZONE** Allows to mark specific areas (up to 50 different zones) and send notifications in case of zone entry or breach



# TMT250 OFFENDER TRACKER

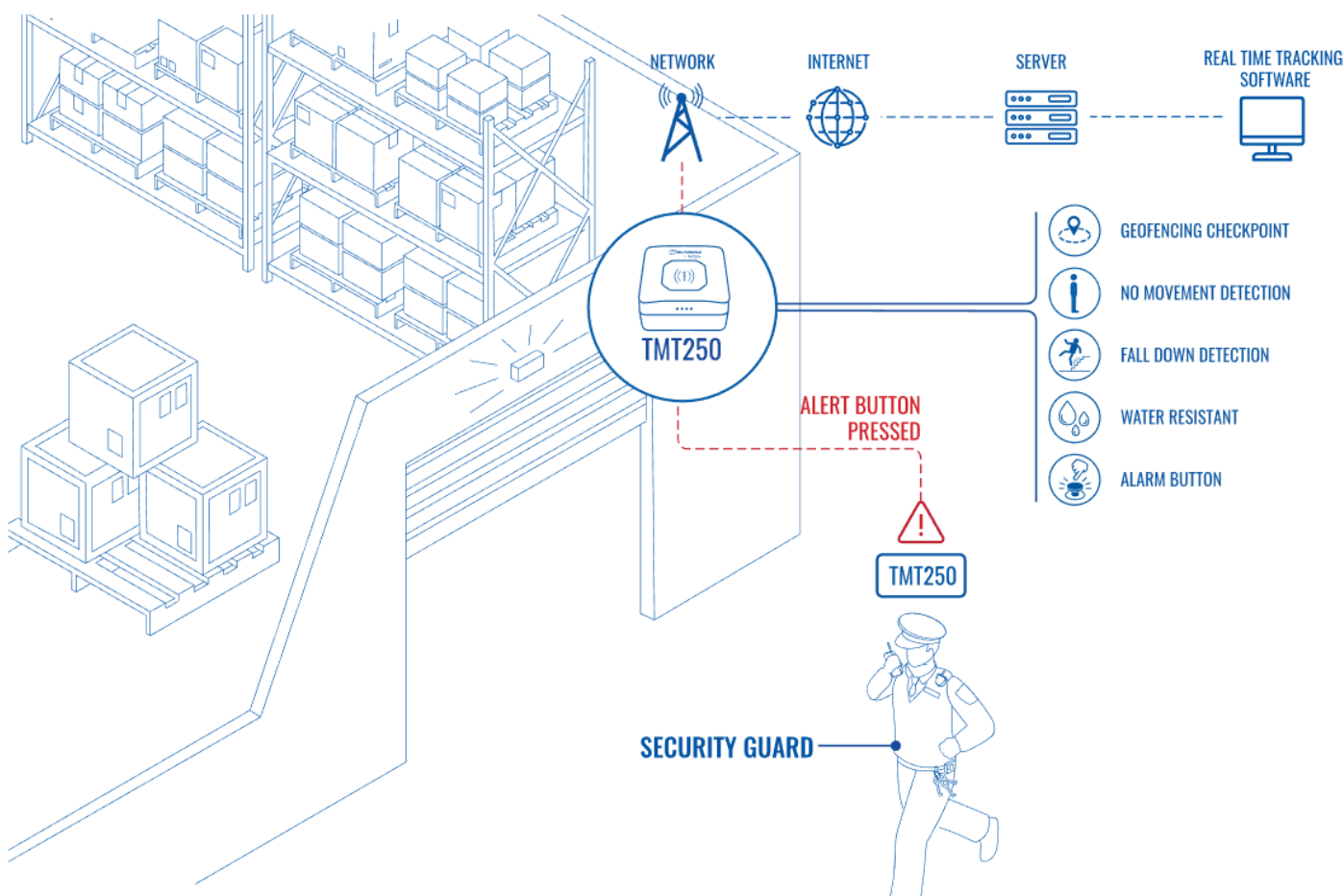
Our first wearable device is designed for an easy and effective quarantine monitoring, offenders monitoring and traceability.

The identified Home Zone and Geofencing does not let the person leave the place without getting tracked and noticed.

The accurate and live monitoring allows to receive an immediate notification, whether the person has removed the device or left the Home Zone.

Also, this device is comfortable and easy to use, with the water-resistant case it is suitable for outdoor activities and use in the shower.

Moreover, the handy alarm button is always there to call for help, in case of emergency.





# TMT250 OFFENDER TRACKER

## HARDWARE

Module name	TM2500
Technology	GSM/GPRS+GPS+BLUETOOTH (4.0 + LE)
GNSS	GPS, GLONASS, GALILEO, BEIDOU
Receiver	33 channel
Tracking sensitivity	-165dBm
Accuracy	< 3 m
GNSS receiver 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
Battery	800 mAh Li-Ion battery (3.04 Wh)
Interface	2 Configurable buttons, GNSS antenna (Internal High Gain), Cellular antenna (Internal High Gain), 2.0 Magnetic USB contact, 1 RGB LED indicator, Micro-Sim, 128 MB internal flash memory

## SOFTWARE

Operating temperature	-20°C - +60°C
Storage temperature	-20°C - +45°C
Battery humidity	65 ± 20%
Ingress Protection Rating	IP67
Sensors	Accelerometer
Scenarios	Man-Down, Alarm, Geofence, Action on Call, Tamper detection, Proximity, Home zone
Sleep modes	GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep
Configuration and firmware update	FOTA Web, FOTA, FMB Configurator (USB, Bluetooth)
SMS	Configuration, Events, Debug
GPRS commands	Configuration, Debug
Time Synchronization	GPS, NITZ, NTP

## PHYSICAL SPECIFICATIONS

\*WEIGHT AND DIMENSIONS ARE SUBJECT TO CHANGE

Device dimentions	63,8x48,7x32,9 mm (L x W x H)
Ankle strap dimensions	405 x 30 x 3 mm (L x W x H)
Weight	100 g

## CERTIFICATION & APPROVALS

Regulatory	CE/RED, EAC, RoHS, REACH, UKCA, ANATEL (pending)
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