GH5200
WORKER BADGE^{PLUS}

Worker BadgePLUS (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.

TWO-WAY VOICE COMMUNICATION

Two-way voice communication

SLIM DESIGN

Slim design for comfortable everyday use

BLUETOOTH

Bluetooth for external devices and Low Energy sensors

SPECIAL SCENARIOS

Man-Down, Alarm & No Movement scenarios

CONFIGURABLE BUTTONS

5 configurable buttons

CALL OPTIONS

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

LONE WORKER PROTECTION   **SOCIAL DISTANCING**   **CONSTRUCTION WORKERS**   **TELECARE**   **WAREHOUSE STAFF**

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

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

Physical specifications

Dimensions	95 x 64 x 11 mm (L x W x H)
Weight	80 g