W2TRACK / W2-BT03

PERSONAL WATERPROOF GPS TRACKER | PEOPLE & ASSETS



The W2-BT03 is an autonomous personal tracker with GNSS, GSM and Bluetooth connectivity. Designed for people, pets, assets, employee safety and sporting events, it combines an IP67 waterproof enclosure with an 800 mAh Li-ion battery for outdoor and long-duration tracking applications.

Support: PAN India W2TRACK service (subject to SLA) Warranty: Two-year manufacturer warranty from purchase date.

KEY FEATURES

- Real-time tracking; man-down detection and emergency assistance
- Auto geofencing and 50 manual geofence zones; over speeding alerts
- Action-on-call and two-way communication via Bluetooth headset
- GPRS data transfer using TCP/IP and UDP/IP; SMS/GPRS requests
- Offline tracking; roaming network support; authorized numbers
- GPS Sleep, Deep Sleep and Online Deep Sleep power-saving modes
- High-gain internal GNSS and GSM antennas; smart battery management
- Firmware/configuration updates via magnetic USB and FOTA

APPLICATIONS

Personal tracking • Employee / lone-worker safety • Children tracking • Elderly assistance • Pets and asset tracking • Sports events

CORE TECHNICAL SPECIFICATIONS

Cellular	GSM quad-band 850 / 900 / 1800 / 1900 MHz; GPRS Multi-Slot Class 12 (up to 240 kbps), Class B; SMS (text/data)
GNSS	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS; 33 channels
GNSS sensitivity / accuracy	-165 dBm / positioning accuracy < 3 m
Battery / supply	800 mAh Li-ion (3.04 Wh) / 5 V DC
Dimensions / weight	44 × 43 × 20 mm (L × W × H) / 40 g

OEM specifications for model W2-BT03 are subject to change based on the latest updates.

W2TRACK | A product of ABTEK IOT SOLUTIONS LLP
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W2-BT03 / TECHNICAL SPECIFICATIONS

CONNECTIVITY & HARDWARE

GSM / GPRS	Quad-band 850/900/1800/1900 MHz; GPRS Class 12; SMS
Satellite navigation	GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS; 33 channels
Sensitivity / accuracy	-165 dBm; < 3 m
GSM antenna	Internal High Gain
Bluetooth peripheral	Headset
SIM	Micro-SIM
Memory	128 MB internal flash
USB	2.0 magnetic USB contact
Buttons / status	2 configurable buttons; 1 RGB status LED
Sensors	Accelerometer and gyroscope

POWER & ENVIRONMENT

Power supply	5 V DC
Battery	800 mAh Li-ion (3.04 Wh)
Power consumption	1.5 mA Ultra Deep Sleep; 3.5 mA Deep Sleep; 4 mA Online Sleep; 8 mA GPS Sleep; 44 mA nominal
Operating temperature	-25 °C to +55 °C
Humidity	5% to 95%, non-condensing
Ingress protection	IP67
Dimensions / weight	44 × 43 × 20 mm / 40 g

SOFTWARE & PACKAGE

Updates / configuration	FOTA Web, FOTA, FMB Configurator (USB / Bluetooth), FMBT mobile application
Time synchronization	GPS, NITZ, NTP
Certifications (source listed)	CE/RED, SAR
Ordering items	W2-BT03 tracker; magnetic USB cable; internal 800 mAh battery

For more information or Sales related queries, please contact W2TRACK Team & visit us at www.w2track.com.