W2TRACK

W2-BT04 | BASIC EV CAN GPS TRACKER



PRODUCT OVERVIEW

W2-BT04 is a Basic EV CAN vehicle tracking device with 2G cellular communication, GNSS positioning, a CAN interface, digital and analog I/O, and remote configuration support. It is designed for installations requiring a wide 9–90 V DC supply range.

KEY HIGHLIGHTS

Connectivity	2G GSM; TCP/IP communication; Bluetooth Classic 3.0
Positioning	GPS, GLONASS and BeiDou
Vehicle interface	1 CAN channel; 2 digital inputs; 1 digital output; 1 analog input
Device management	SMS / TCP/IP / Bluetooth configuration; OTA / FOTA
Protection	IP65 ingress protection; device-case tamper alert
Monitoring	Accelerometer; GNSS, process, GSM and power status indicators

TECHNICAL SPECIFICATIONS

Cellular bands	2G quad-band 850 / 900 / 1800 / 1900 MHz
Communication interface	TCP/IP
Short-range connectivity	Bluetooth 3.0 (Classic)
GNSS constellations	GPS, GLONASS, BeiDou
Digital input / output	2 inputs / 1 output
Analog input / CAN	1 analog input / 1 CAN
Ignition wake-up	Yes
Case-open / tamper alert	Yes
Power supply	9–90 V DC
Sleep-mode current	Less than 15 mA
Internal battery	600 mAh
Antennas	Internal GSM / GNSS / BLE
Movement sensor	Accelerometer
SIM	Plastic 4FF (Nano-SIM)
Data storage	16 Mbit; 6,000 records

W2TRACK | A product of ABTEK IOT SOLUTIONS LLP

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Configuration	SMS / TCP/IP / Bluetooth
OTA / FOTA	Yes

ENVIRONMENT & DURABILITY

OPERATING CONDITIONS

Operating temperature (without battery)	-25°C to +85°C
Storage temperature (without battery)	-40°C to +85°C
Operating humidity	5%–95%, non-condensing
Battery charge temperature	0°C to +45°C
Battery discharge temperature	-20°C to +60°C
Battery storage temperature	-20°C to +45°C for 1 month; -20°C to +35°C for 6 months

PERFORMANCE & PHYSICAL DETAILS

Vibration	IS:9000-8
Ingress protection	IP65
Dry heat	IS:9000-3
Shock	IS:9000-7
Electrical load dump	ISO 7637-2
EMI / EMC	AIS004-3
Dimensions (L × W × H)	95 × 84 × 31 mm
Weight	Approximately 134 g

APPLICATIONS

EV and fleet tracking applications requiring CAN connectivity, GNSS positioning, digital and analog interfaces, and remote device management.

Product specifications and features are subject to change without prior notice.

For more information or Sales related queries, please contact W2track Team & visit us at **www.w2track.com**.