

OBD2 Tracker Specification

Technology GSM/GPRS/GNSS/BLUETOOTH

GNSS

GNSS GPS, GLONASS, GALILEO, BEIDOU, SBAS, QZSS, DGPS, AGPS

Receiver 33 channel

Tracking sensitivity -165 dBm

Accuracy < 2.5 m

Hot start < 1 s

Warm start < 25 s

Cold start < 35 s

Cellular

Technology GSM

2G bands Quad-band 850/900/1800/1900 MHz

Data transfer GPRS Multi-Slot Class 12 (up to 240 kbps), GPRS Mobile Station Class B

Power

Input voltage range 10 - 30 V DC with overvoltage protection

Back-up battery 170 mAh Li-Ion battery 3.7 V (0.63 Wh)

Bluetooth

Specification 4.0 + LE

Supported peripherals

Temperature and Humidity sensor, Headset, OBDII dongle, Inateck Barcode Scanner, Universal BLE sensors support

Physical specification

Dimensions 52.6 x 29.1 x 26 mm (L x W x H)

Interface

GNSS antenna Internal High Gain

OBDII Socket

Cellular antenna Internal GSM High Gain

USB 2.0 Micro-USB

LED indication 2 status LED lights

SIM Nano-SIM

Memory internal flash memory

Operating environment

Operating temperature

(Without battery)

-40 °C to +85 °C

Storage temperature (without battery)

-40 °C to +85 °C

Operating humidity 5% to 95% non-condensing

Ingress Protection Rating IP41

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

Features

Sensors Accelerometer

Scenarios

Unplug detection, Towing detection, Crash detection

Sleep modes GPS Sleep, Online Deep Sleep, Deep Sleep, Ultra Deep Sleep

Configuration and firmware update

GPRS commands Configuration, Debug

Time Synchronization GPS, NITZ, NTP

Fuel monitoring OBDII dongle

Ignition detection Accelerometer, External Power Voltage

Certification & Approvals

Regulatory CE/RED, EAC, REACH, RoHS

2 Year Warranty

Made In the EU