

Technical specifications

| Features | C4 OBD Dongle |
|---|---|
| Main Processor | ARM11 500 MHz |
| Memory | Flash 256 Mbytes |
| | Ram 64 Mbytes (128Mbytes with Wifi/BT or 4G EU and LTE) |
| Modem | 2G / 3G with fallback in 2G. LTE |
| GPS | Sirf Atlas V (assisted GPS enabled) Sensitivity: -161 dBm, 64 channels |
| Accelerometer | ±2g / ±4g / ±8g / ±8g / ±16g 16-bit data output 1 kHz sampling rate (up to 3 kHz) Anti-aliasing filter included 400 Hz standard software output |
| Gyroscope | Option. Full scale - ±250 / ±500 / ±2000 °/sec (*) 16 bit-rate value data output |
| Bluetooth Server & Client | Option. BT 2.1 EDR Dual (2.1 & 4 LE) |
| Wi-Fi Hotspot | Option (with BT) |
| OBD II / eOBD (Standard OBD protocols) | CAN ISO 15765/15765-2 ISO 9141-2/ISO 14230 (KWP2000) SAE J1850 VPW SAE J1850 PWM |
| Manufacturer OBD | Audi, BMW, Chrysler, Fiat Group, Ford, GM, Honda, Hyundai, Mercedes Opel, PSA, Renault, Toyota, Volvo, VW, ... with pin switcher |
| Pin switcher | Option |
| Buzzer | Option |
| Internal battery | 450 mAh (autonomy of 8 days in idle mode) |
| Wake-up sources | Vehicle battery voltage sense, RTC, Accelerometer, USB host detection, GSM, CAN, Power removal |
| LED | 1 bicolour LED |
| Consumption @ 12V | Without GSM wakeup activated: Sleep = 1 mA / Hibernate = 700 µA |
| Operating temperature | -30°C / +65°C without battery |
| Overall dimensions (mm) | 60.5 x 26.5 x 49.5 |
| External power supply | 8 - 32V |
| USB | USB OTG with power output (5V @ 100 mA) Micro-USB type B |
| Antennas | GPS, GSM, BT: internal |