

C4 OBD DONGLE | **Munic**.box

Competitive, accurate & powerful



Multi-function Platform

- Full support of OEM OBD & CAN Bus
- 3G/4G Wi-Fi Hotspot option, BT LE
- Fully programmable

Large choice of third-party apps

Selected applications of 1000+ telematics projects for all verticals of Connected Vehicles

Multi-services connection Platform

With CloudConnect platform

- Integrate & manage your devices in 1 day
- Develop or connect your own application
- The richest set of telematics data



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 / ±6g / ±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 / Hibernation = 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 - 18V
USB	USB OTG with power output (5V @ 100 mA) Micro-USB type B
Antennas	GPS, GSM, BT: internal