

C4 MAX V2

Ultimate telematics unit



Full support of trucks & light vehicles

- CAN/OBD (J1939, J1708...)
- HOS ready
- Multiple I/Os (serial, digital, analog)

Extensive wireless support

- 2G/3G or 4G LTE
- Bluetooth dual 2.1 & 4.0 LE
- Wi-Fi Hotspot

Full customization option

- 5000+ APIs Embedded SDK
- State Machine visual programming
- Driver behavior detection algorithm



Technical specifications

Features	C4Max
Main Processor	ARM11 664 MHz
Memory	Flash 256 Mbytes Ram 64/128 Mbytes (128 for Wi-Fi Hotspot option)
Modem	3G, 4G (LTE) or 2G only CDMA on demand
GPS	Sirf Atlas V (assisted GPS enabled) Sensitivity: -161 dBm, 64 channels
Accelerometer	±2g / ±4g / ±8g 12-bit data output 1 kHz sampling rate 400 Hz standard software output
Gyroscope	Full scale - ±250 / ±500 / ±2000 °/sec (*) 16 bit-rate value data output
Bluetooth	BT 2.1 EDR + 4 LE
Wi-Fi	Wi-Fi Hotspot & client
CAN bus	CAN ISO 15765/15765-2
Manufacturer OBD light vehicle & trucks (When OBD option selected)	Audi, BMW, Chrysler, Fiat Group, Ford, GM brands, Honda, Hyundai, Mercedes, Opel, PSA, Renault, Toyota, Volvo, VW, ...
Truck (When OBD option selected)	J1587, J1939, GMLAN, OBD II
Internal battery	900 mAh
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 = 2 mA / Hibernate = 700 µA
Operating temperature	-30°C / +78°C without battery
Overall dimensions (mm)	88 x 65 x 18 (small casing) - 98 x 65 18 (large casing)
External power supply	8 - 32V
USB	USB OTG with power output (5V @ 100 mA) Micro-USB type B
Antennas	GPS, GSM, CDMA : internal or external BT, Wi-Fi, RF433 : internal
Accelerometer	Digital inputs: 3 - Digital Outputs : 2 Analog inputs : 2 RS232 : 2 RS485 / RS422 : option 1-wire : 1
RF-433	Option