# DUNASYS | EMBEDDED SYSTEMS EXPERT

## FLEET MANAGEMENT D-CAR E





#### TELEMATIC DONGLE: D-Car E

Versatile, self-contained automotive unit, DCar-E enables data acquisition and processing on-board automotive network (CAN) and restitution on server for various applications (web platform, mobile application...)



#### Features:

- OBD connection, no external power supply required other than OBD socket
- CAN bus data collection and analysis (mileage, speed, battery voltage, etc. ).
- Dual MQTT server: a client server for data and a Dunasys server for updates. Vehicle template loading possible via MQTT
- Geolocation and GNSS (GPS/GLONASS/BEIDOU/GALILEO).
- Sending and receiving of SMS (broker reading, UIN, APN)
- Broker configuration via SMS
- APC detection for vehicle start-up



#### **Performances:**

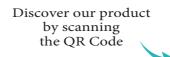
- Microcontroller only
- High-performance STM32G0 ECU
- 1512 Ko Flash memory
- 148 Ko RAM memory
- FREERTOSD real-time OS

### **Highlights:**

- Low power consumption with wake-up via APC, CAN BUS or SMS
- Low-cost design
- Plug n play installation
- Remote management of DCAR-E unit
- Full hardware & software integration by Dunasys













#### **DUNASYS INGENIERIE**

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#### **LEGAL NOTICE**

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