



# UCAN

## USB-2-CAN Adapter

## UCAN : USB – CAN Adapter



The **UCAN** adapter enables simple connection to CAN networks. Its compact and IP67 plastic casing makes it suitable for mobile applications.

### TECHNICAL FEATURES:

- Adapter for the USB connection (Full-Speed mode, compatible with USB 1.1, USB 2.0, and USB 3.0)
- High-speed CAN connection (ISO 11898-2)
- Bit rates from 5 kbit/s up to 1 Mbit/s
- Time stamp resolution approx. 42  $\mu$ s
- Compliant with CAN specifications 2.0A (11-bit ID) and 2.0B (29-bit ID)
- CAN bus connection : 3-meter dual wire cable (Standard)
- CAN bus connection : via D-Sub, 9-pin (in accordance with CiA<sup>®</sup> 106 upon request)
- STM32F072CBT6 microcontroller (with embedded CAN)
- NXP TJA1051 CAN transceiver
- Galvanic isolation on the CAN connection up to 500 V (upon request)
- CAN termination 120 $\Omega$  can be activated (upon request)
- Extended operating temperature range from -40 to +85  $^{\circ}$ C (-40 to +185  $^{\circ}$ F)
- High protection against dust and water: IP67

