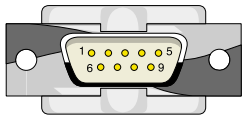
PCAN-USB

PC USB to CAN interface

For easy and cost-effective integration into 2.0A and 2.0B CAN networks operating at a maximum baud rate of 1 Mbit/s. With its compact plastic casing, the USB-to-CAN converter is ideally suited for use with laptops and notebooks.
Software and in-house programming sources are supplied to make the package complete.

The USB-ISO version also includes optical decoupling. Built-in DC/DC converters and optical couplers provide electrical isolation to a maximum of 500 V between the PC and the CAN network.

Pin assignment 9-pole connector male:



Pin	Configuration
1	+12 V / +5 V / Not connected
2	CAN-L
3	CAN-GND / Not connected
4	Not connected
5	Not connected
6	CAN-GND / Not connected
7	CAN-H
8	Not connected
9	+12 V / +5 V / Not connected

Specifications

- Baud rate settings up to 1 MBit/s
- PHILIPS SJA1000 CAN controller, 16 MHz clock frequency
- 82C251 CAN transceiver
- Compliant with CAN specifications 2.0A (11-bit ID) and 2.0B (29-bit ID)
- SJA1000 hardware can be reset via software
- Supplied in space-saving plastic casing with USB cable to 9-pin DIN (CAN)
- CAN bus connection via Sub-D, 9-pin (to CiA DS102-1)

For PCAN-USB ISO only:

- Electrical isolation to 500 V

Ordering information

Designation	Art. No.
PCAN-USB	IPEH-002021
PCAN-USB ISO	IPEH-002022

Scope of supply

- Interface in compact plastic casing
- Voltage supply via USB bus
- PCAN-View CAN monitor for WIN 98/ME and 2000/XP
- Device drivers (sys, VxD) and interface DLL for Win 98/ME and 2000/XP
- Diskette containing PCAN-Light software interface DLL for driving
- Diskette containing sample program with source code in VB, Delphi and VC
- LINUX driver available at no cost
- Diskette containing manual in PDF format