

# PCMCIA Key



The PCMCIA-Key is an on-board intelligent interface card for portable PCs with standard type II or III PCMCIA drives.

PCMCIA-Key enables real-time data acquisition and can be used for diagnostic applications.

Drivers for Windows 95/98, NT, 2000 offer an easy implementation in 32-bit systems.

The standard of LevelX-API offer the possibility to develop own applications for customer specific complex solutions.

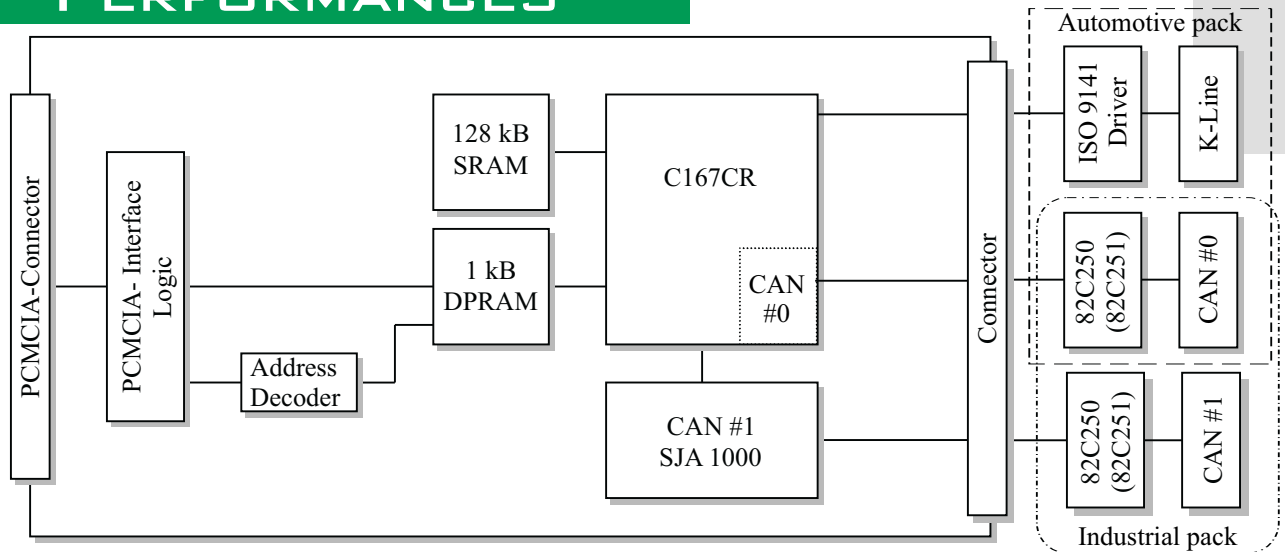
## HIGHLIGHTS

- Easy interfacing among PC's and laptops with PCMCIA slot to networks with CAN protocols
- High performed data monitoring
- Available for all PCs with type II or III PCMCIA slot
- Real-time application development under Windows
- Universal hardware platform for real-time network design and test tools
- Diagnostics hardware

## FEATURES

- Ideal interface between laptops and CAN networks.
- DPRAM interface for host interfacing
- SRAM for application execution
- Industrial Pack  
Supports 2 channels CAN 2.0 B activ
- Automotive Pack  
Supports 1 channel CAN 2.0 B activ  
Supports 1 channel ISO 9141
- Uses power from the PC - no additional power required (Industrial pack only)
- Includes operating software and PC monitoring software "PcCANcontrol" for network controlling
- Includes LevelX (API-DLL) for the easy programming of own complex applications

## PERFORMANCES



## SPECIFICATIONS

### General Characteristics

- Physical dimensions: PCMCIA standard type II
- Transfer rate: up to 1 MBit/s
- Temperature range: 0 to +70° C
- Processor types: C167CR, @ 16 MHz
- Memory: 128 kB SRAM  
1 kB DPRAM

### Connectors

- Power supply: via PCMCIA
- Industrial Pack: CAN 0: 9-pin Sub-Min-D CiA standard  
CAN 1: 9-pin Sub-Min-D CiA standard
- Automotive Pack: K-Line driver box (galvanic decoupled)  
High speed driver up to 120 kbps  
Automatic 12/24V switching

### Network protocol interfaces

- CAN 1: SJA 1000
- CAN 0: C167CR

### Network physical interfaces

- CAN 1: (Ind. pack) ISO 11 898 (82C250/82C251)
- CAN 0: (Both pack) ISO 11 898 (82C250/82C251)
- K-Line (Auto. pack) ISO 9141
- Optional: other transceiver on request

## GENERAL INFORMATION

- Hardware requirements:
  - PC-compatible
  - PCMCIA type II interface
- Software requirements:
  - Windows 95, 98, NT, 2000
  - Compiler for software development
- Knowledge requirements for design of own applications :
  - Experience in programming PCs and micro controllers (assembly language or C )
  - Network protocols

## PRODUCT INCLUDES

- 1 x PCMCIA-Key
- Adapter cable IP Pack / 2x sub-D min
- Adapter cable AP Pack  
1x K-Line connector, 1x CAN sub-D min
- Manual
- PcCANControl software and LevelX drivers for Win 9x, NT, 2000

## ORDERNUMBERS

- IME 1502 201 HW IP only
- IME 1502 402 HW IP, SW, documentation on CD
- IME 1503 201 HW AP only
- IME 1503 402 HW AP, SW, documentation on CD
- IME 1502 601 User manual (separate book)
- IME 1501 701 Connector cable IP
- IME 1501 702 Connector cable AP