

# PCAN-Ethernet Gateway DR

## CAN to LAN Gateway in DIN Rail Plastic Casing

The PCAN-Ethernet Gateway DR allows the connection of different CAN buses over IP networks. CAN frames are wrapped in TCP or UDP message packets and then forwarded via the IP network from one device to another.

The PCAN-Ethernet Gateway DR provides one LAN connection and two High-speed CAN interfaces. With its DIN rail casing and the support of the extended temperature range, the module is suitable for use in an industrial environment.

The PCAN Gateway product family is configured via a convenient web interface. Alternatively, the JSON interface allows access via software. Both options provide status information and settings of the devices, the various communication interfaces, message forwarding, and filters. Please refer to page 62 for more information about the configuration and the operating principles.



### Specifications

- Two High-speed CAN channels (ISO 11898-2)
  - Comply with CAN specifications 2.0 A/B
  - Bit rates from 5 kbit/s up to 1 Mbit/s
  - NXP PCA82C251 CAN transceiver
- Galvanic isolation of the CAN channels up to 500 V against each other, against RS-232 and the power supply
- Connections for CAN, RS-232, and power supply via 4-pole screw-terminal strips (Phoenix)
- LAN interface
  - Data transmission using TCP or UDP
  - 10/100 Mbit/s bit rates
  - RJ-45 connector with status LEDs
- Monitoring and configuration of the devices via the web interface or JSON interface
- Software update via the web interface
- Reboot and reset of the device to factory defaults with a reset button
- Plastic casing (width: 22.5 mm) for mounting on a DIN rail (DIN EN 60715 TH35)
- LEDs for device status and power supply
- RS-232 connector for serial data transfer (reserved for future use)
- Voltage supply from 8 to 30 V
- Extended operating temperature range from -40 to +85 °C (-40 to +185 °F)

### Ordering information

Designation	Part No.
PCAN-Ethernet Gateway DR	IPEH-004010

### Scope of supply

- PCAN-Ethernet Gateway DR in DIN rail plastic casing
- Mating connectors for both CAN channels, RS-232, and power supply
- RJ-45 network patch cord (2 m)
- Manual in PDF format
- Printed quick start guide

**Accessories:** PCAN-Adapter D-Sub for DR Products optionally available (details on page 132).