

## PCAN-Ethernet Gateway DR (IPEH-004010) – Detailed Data Sheet



### Product Description

The PCAN-Ethernet Gateway DR from PEAK-System enables the connection of different CAN buses over IP networks. CAN frames are encapsulated in TCP or UDP packets and transmitted through an IP network between devices. The device includes two High-speed CAN interfaces and one LAN port, all housed in a DIN rail plastic casing suitable for industrial environments. It features a user-friendly web interface and an alternative JSON interface for configuration and monitoring.

### Technical Specifications

Feature	Details
CAN Channels	Two High-speed CAN (ISO 11898-2)
CAN Specification	Complies with CAN 2.0 A/B
CAN Bit Rates	5 kbit/s up to 1 Mbit/s
CAN Transceiver	NXP PCA82C251
Galvanic Isolation	Up to 500 V between CAN channels, RS-232, and power supply
Connectors	4-pole screw-terminal strips for CAN, RS-232, and power (Phoenix)

LAN Interface	10/100 Mbit/s via RJ-45 with status LEDs
Data Transmission	TCP or UDP
Configuration	Web interface or JSON interface
Software Update	Via web interface
Device Management	Reboot and reset to factory defaults via reset button
Casing	Plastic casing (22.5 mm wide) for DIN rail mounting (DIN EN 60715 TH35)
LED Indicators	Device status and power supply
RS-232 Interface	Reserved for future use
Power Supply	8 to 30 V
Operating Temperature	-40 to +85 °C (-40 to +185 °F)

### 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 (Optional)

PCAN-Adapter D-Sub for DR Products