CAN FD **Connection via** Ethernet

The PCAN-Gateway product family from PEAK-System is designed for the transmission of CAN messages over IP networks. With the PCAN-Ethernet Gateway FD DR, the German company releases a new model that supports the modern CAN FD in addition to the classic CAN standard. Two high-speed CAN interfaces enable the connection of CAN FD buses with data bit rates of up to 10 Mbit/s. The connection to the IP network is established via Ethernet. An AM5716 Sitara processor provides the required performance.

If a CAN bus is equipped with a PCAN-Ethernet Gateway FD DR, a LAN interface is all that is needed to access the CAN bus with one or more computers. A conventional CAN interface is not required.

When using two gateways, distant CAN buses can be connected via an IP network. The limiting factor of the maximum CAN bus length does not apply.

The configuration of the PCAN-Gateway product family is implemented in the same manner as a common Internet router via a web interface. Status information and settings for the communication interfaces, message forwarding, and filters are available. Alternatively, a JSON interface allows configuration via software.

www.peak-system.com

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