QIC CAN-WLAN • CANbus Data Simply Transmitted Wirelessly

The **QIC CAN-WLAN** module can now transmit CANbus data simply, reliably and wirelessly from one or two CANbus networks over a bi-directional WLAN. Maximum utilization of both CANbus networks can be achieved with all messages transmitted without overrun. In the case of temporary disturbance or interruptions of the WLAN transmission, data is buffered in the module and automatically resent when the signal quality is restored. Up to 32MByte of data storage RAM is available for data buffering. As all CAN messages have a time stamp not only is the data received error free; the time relationship is also preserved.

The WLAN transmission can go directly to one designated access point or also to other another WLAN participant, for example a Notebook, PDA or an additional operational QIC CAN-WLAN module. The QIC CAN-WLAN module is therefore ideally suited as a wireless interface between a network of QIC modules and a mobile receiver or control unit.

The wireless bi-directional CANbus interface QIC CAN-WLAN

Drivers for the **QIC CAN-WLAN** module are available for Windows® 32-Bit and Windows CE® PocketPC 2003 operating systems. In addition the Socket interface makes direct communication possible on the TCP/IP Socket level. Up to 10 QIC CAN-WLAN modules on a PC and/or a PDA can be operated simultaneously.

Features

- 2 High Speed CAN connections up to 1Mbit/s (optional Low-Speed Transceiver)
- CAN 2.0A and 2.0B standards
- Driver support for all current 32-Bit Windows® and Windows CE® PocketPC operating systems
- Status indication with LED's
- Robust and splash proof (IP54) dovetail housing
- Screw on SMA rod antenna (98mm)
- Configuration software for Windows® and Windows CE®
- Firmware update over RS-232 on the device

Technical Data

Input Connectors	2 (CAN 1, CAN 2) separately isolated
Power Supply	+6 to +60 Vdc (12 V typical)
Power	5 W (typically 12 W maximum)
Transmission Range	30 m (typically 150 m maximum)
Operating Temperature	0°C to +70°C (20°C typical)
Size	120 x 70 x 22 mm
Weight	250 g

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