

CAN to Serial Converter



CWC-565

Features

- ✓ Supports CAN 2.0A and 2.0B specification
- ✓ Compliant with USB 1.1 & 2.0
- ✓ Supports Windows 98/ME/2000/XP/Linux drivers
- ✓ Equipped with jumper for 120Ω terminator resistor of CAN Bus
- ✓ Equipped with power, data flow and error indicator for CAN and USB
- ✓ Maximum transmission speed up to 1 Mbps for CAN and 921.6Kbps for USB
- ✓ Built-in Watchdog feature
- ✓ DIN Rail mountable



Overview

The Canary CWC-565 is a CAN to USB converter especially designed for coupling the CAN bus network to PC via USB interface. CWC-565 allows a connection to be established with a PC to automatically load relevant device driver in a plug and play mode. The PC can be the CAN host, monitor or HMI to access/control the CAN device through the CAN network by using CWC-565. CAN bus is a serial communication way, which efficiently supports distributed real-time control with a very high level of security. It provides the error process mechanisms and message priority concepts.

Hardware Specifications

USB Interface

Connector: USB Type B
Baud rate: 921.6Kbps
Compatibility: USB 1.1 & 2.0
Receive buffer: 900 data frames

CAN Bus

CAN Bus Protocol: 2.0A and 2.0B
CAN Port Channels: 1
CAN controller: Philips SJA1000T
CAN Transceiver: Philips 82C250
Baud rate: 10K, 20K, 50K, 100K, 125K, 250K, 500K, 800K and 1Mbps
Protection: 3000Vrms on CAN side
Pin Out: C.I.A. DS-102 (CAN_H=7, CAN_L=2, GND=3)
Receive buffer: 1000 data frames

Power

Power Consumption: 1.5 watts
Dimensions: IP-20 standard, 72 mm (W) x 108 mm (H) x 35 mm (D)
Installation: DIN-Rail, Panel mount

Environmental

Operating Temp: -25 to 75°C
Storage Temp: -40 to 80°C (-40 to 180°F)
Operating Humidity: 5%~90% RH (Non-condensing)
Regulatory Approvals: FCC Class A, CE
Environmental: WEEE, RoHS
MTBF: 200,6000 hrs based on Mil-Hdbk-217F, GB
Warranty: 2 years