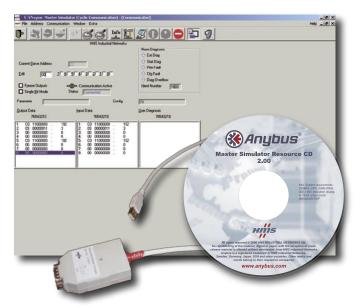# Turn your PC into a CANopen Master!

▶ **Easy to use testing tool for CANopen slaves**

▶ **Test wiring of inputs & outputs, read & write explicit message data**

▶ **Designed for Windows PCs and Laptops**

▶ **Standard USB interface**

CANopen Master Simulator

The CANopen Master Simulator is an easy to use tool for setup and test of CANopen slaves. The user-friendly software enables simple functional tests of CANopen field devices. Even users without detailed CANopen knowledge can immediately set or reset I/O signals of an I/O block or valve terminal and use explicit messaging.
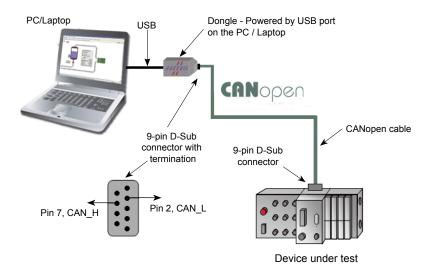
The Master Simulator can be used during setup of a CANopen network as well as for the final testing of the CANopen interface during series production and final inspection. For these purposes, the Master Simulator is a low-cost alternative to expensive CANopen PC-interface cards.

The Master Simulator can be used with nearly all CANopen slaves from different manufacturers. The network scan function automatically detects and identifies all operational slaves in a CANopen network; even if the normally required EDS file is not available. Any CANopen slave can be set into operation. User friendly dialogs are used to exchange cyclic I/O or explicit message parameter data.

The Master Simulator consists of a Windows based Software and a CANopen USB-interface circuitry (Dongle). The Dongle is plugged into the USB port of the PC and provides on the other side a 9-pin D-Sub connector as the CANopen Interface. The Dongle is powered from the USB port.

Using the Master Simulator off loads users further from the time consuming writing of specific test programs. However, the Master Simulator is a test tool only. It shall not be used in control applications.

PC/Laptop

USB

Dongle - Powered by USB port on the PC / Laptop

CANopen

9-pin D-Sub connector with termination

9-pin D-Sub connector

CANopen cable

Pin 7, CAN_H

Pin 2, CAN_L

Device under test

Key Features

- Easy to use test and diagnostic tool for CANopen slaves
- No programming required
- Read / Write of cyclic I/O data and explicit messaging data in various formats (SDO & PDO's)
- Automatic CANopen Address search
- Automatic detection of I/O data size
- Works even without EDS-File
- Supports all standard CANopen Baudrates
- Ideal for mobile usage with Laptops
- Connection via USB port

Specifications

- **Power Supply:** Powered by the PC/laptop USB port
- **Operating Temperature:** 0-55˚C
- **Baudrate:** All CANopen standard baudrates, 5-1000 kbit/s
- **Cable Length:** max. 2m
- **CE certified and RoHS compliant**

Operating Requirements

- PC operating Win 9X/2K/ME/XP

Ordering Information

Order Number: 019920
Master Simulator CANopen

Delivery includes:
CANopen Master Simulator software CD, CANopen (Dongle)

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Email: sales@hms-networks.com

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Email: info@hms-networks.de

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Email: it-sales@hms-networks.com

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