

INSYS Ethernet Virtual COM Port Driver 2.0

The INSYS virtual COM port driver is transparently mapping a serial port under Microsoft Windows™ to an IP port.

A remote device equipped with

- i-modul WLAN serial
- INSYS WLAN serial
- i-modul Ethernet
- INSYS Ethernet

can communicate to a Windows PC in the same network. The PC runs an application which virtually accesses the remote device through a serial port. There is no need to modify the application while the communication takes place with the serial interface of the remote device.

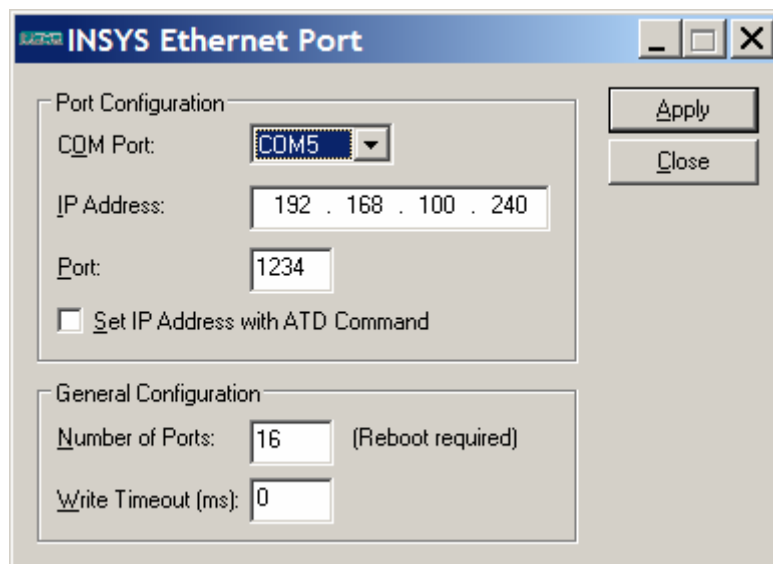
Features

- version 2.0
- running under Microsoft Windows Version NT, 2000 and XP
- up to 250 virtual COM ports supported
- configuration of write block time to optimize network traffic

Installation

The installation and configuration of the virtual COM port driver may require “Administrator” rights for the Windows PC. Please connect your PC administrator if your rights are not sufficient.

Run setup.exe and confirm all message boxes.



Configuration

The virtual COM port driver is run from the Windows Desktop's START menu:

Programme / Program Files → INSYS Ethernet Virtual COM → INSYS Ethernet Virtual COM Configuration

Port Configuration

Select COM port and set IP address and port according of the remote INSYS device. Press "APPLY" to save changes before selecting a new COM port number.

Set IP Address with ATD command

Select this option to allow the application to send an the dial command ATD<ip>:<port> in order to establish the connection to a remote device. The driver settings in IP Address and Port are not used in this case.

When this option is *not* selected the driver automatically establishes a connection when the virtual COM port is opened.

General Configuration

Select the maximum number of virtual COM ports which you will configure. The maximum is 250.

The write timeout allows to extend the time block to minimize network traffic. Increase the write timeout to avoid too many IP packets with little payload.

Changes of the General Configuration take effect only after a reboot of Microsoft Windows.

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