

Blue Box

The Blue Box Converter delivers one serial port (RS-422/RS-485) from USB connection.

Industrial serial ports on USB connect RS-422 and RS-485 devices, used in industrial environment. With RS-485 the data direction is controlled by the port, without further action from the software.



The high speed serial port with the 128 byte FIFO allow high speed communication, even in heavy loaded systems. Unique features reduce the system load. The serial port also allows unusual speed settings like 500.000bps.

The technical data is based on VScom USB-COM-I Netzer modification: Shared USB and GND input to output.

Features & Technical Data

- Ports: One RS-422/485 port
- Speed: up to 921.6kbps
- 10KV ESD
- RS-422/485 signals: RS-422: TxD+/-, RxD+/-, RTS+/-, CTS+/-, GND
- RS-485: Data+/-, GND
- Power: no external power supply
- Driver: Win98, ME, Win2000, XP, Vista, Win7/10, Linux (Kernel 2.4 and up built-in)
- Connectors: one DB9 male
- Chip Set - FTDI

Ordering Code

CNV-00003 (includes):

- Blue Box
- USB 2.0 type A to B, 1m, 3A

Encoder Explorer

Electric Encoder Explorer supports the Blue Box working modes (MS WIN 7/10) - [updated installation file located on Netzer web site.](#)

Working Modes

The Blue Box supports setup mode (default), configuration and calibration via NCP (Netzer Communication Protocol) communication. Logger indicated by green or dark blue dial.

