

fast
solid
safe

"The cable with the special features
Authentic with the blue light only"

- Data rate above 1 MBaud
- Non-standard baudrates
- Extra large input protection $\pm 15\text{kV}$
- Outputs short-circuit proof
- 3 colored functional lights
- Supports Windows and Linux
- Made in Germany, 3 years warranty
- Includes the **CleverTerm** terminal software



Solid and fast

Converter and driver chips ensures data rates above 1 MBaud and therefor reliable data transmission also with highest rates.

No more undefinable converter breakdowns when connecting RS232 devices because of:

Extra large input protection ($\pm 15\text{kV}$) against destruction by electrostatic discharges.
RS232 outputs short-circuit proof, high current loads $\pm 60\text{mA}$.

Technical data

Data rates	Standard baudrates 300 Baud to 921600, unusual baudrates via 'aliasing' and programmable divisor (i.e. operate at 512kBaud by selecting 115200 Baud for the serial port). Possible non-standard rates are calculated as: $3000000 / (n + (0.125 * m))$ where n is an integer between 2...16384 and m is an integer between 0...7.
Handshake	Supports RTS/CTS, DSR/DTR and X-On/X-Off handshaking. All are handled in hardware to ensure fast response times.
Protocol	Provides 7 or 8 Data Bits, 1 or 2 Stop Bits and Odd/Even/Mark/Space/No Parity.
RS232 lines	Features the full set of RS232 modem data and control signals (TxD, RxD, RTS, CTS, DSR, DTR, DCD, RI and GND). Supports the RS232 break command.
Chipset	FTDI FT232BM: Additional functions for high transmission safety, internal data buffer of 512 bytes (input 384 bytes, output 128 bytes). Direct controlling of the RS232 lines possible (bit bang mode).
Driver access	Clean working software with generation of virtual com-ports and/or USB direct drivers for own applications. Windows: Accessing via COMx, Linux: Device access via /dev/ttyUSBx
Supported OS	Windows: Windows 10, 8/8.1, 7, Vista, Windows XP (all Microsoft certified driver). Linux: Kernel 2.4.x or higher, needed driver (ftdi_sio module) is part of all newer kernels.
Connectors	USB: USB Cable about 1 m length with PC compatible type A connection jack and integrated inductance. RS232: Standard RS232 DSub9 Male Connector with undetachable UNC screw nuts (full PC compatible).
USB compatibility	Compatible to USB 1.1/2.0. Absolutely functionable with all USB-Interfaces of old and new PCs.
Scope of delivery	USB to RS232 Converter Cable (1m), CDROM with drivers (Windows), software, installation manual and documentation for direct access (Bitbang Mode) as PDF file. Also included: CleverTerm terminal program.
Dimension	Case without cable [mm]: 36 x 17 x 63 (Width, Height, Length). Minimal cable seat: 18mm

Note of interest

Isolated RS232 The USB to RS232 converter also exists as an isolating version. Visit our website and look for ISO232.

Special features

Direct control of the data stream with 3 LED indicators, easy check for correct connection and activation: green: RxD, yellow: TxD, blue: USB activation

Unusal baudrates: New FTDI chip generation allows also the adjustment of non standard baudrates.

Bigbang Mode: Parallel read/write of the signal lines like an IO port (3 inputs, 5 outputs).