



HighTek HU-103

High-speed USB to RS232 converter

User Manual

I. Overview:

USB to serial RS232 converter easily establishes reliable connection between serial (RS-232) and USB interface. It can provide very easy to use environment for serial (RS-232) peripheral devices by using USB interface capability of plug & play and hot swappable. Its design allows you to easily connect devices such as mobile phone, digital camera, ISDN-TA, Modem and provides transfer rates up to 1Mbps.

II. Product characteristics:

1. Fully compatible with USB VER: 2.0
2. Standard DB9-pin serial port
3. 1Mbps and below data transfer rates
4. Supports automatic handshake protocol
5. Support remote wake-up and power management
6. USB bus direct power, no external power supply.
7. Wire: 1.5M length, magnetic filter interference shielding 64PIN
8. Chip (ASIC) USB port to serial port communication
9. Transmission distance: 5 meters
10. Operating Environment: -25~70 °C, relative humidity 5 % to 95%
11. Support for Windows 7/ 8/ XP/ vista/ CE/ Linux/ Mac.

III. Connectors and Signal

RS-232C Pin Assignment

DB9 Male(PIN)	RS-232C
1	Ground
2	SIN (RXD)
3	SOUT (TXD)
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

IV. Faults and troubleshooting

1) Data communication fails

- A. Check the USB interface cable is correctly
- B. Check the wiring is correct RS232 output interface
- C. Check the power supply is normal
- D. Check the wiring terminals are well connected
- E. View check whether the receiving indicator will blink when receiving
- F. View to check whether the transmission indicator flashes when sending

2) Data loss or errors

- A. Check the data across the data rate communications equipment, the format is consistent.