

Model: UT-883

(Product Name: USB to RS-232 Converter USB2.0 (DB9))

Datasheet



UTEK TECHNOLOGY (SHENZHEN) CO., LTD.

Add: Floor 10, Building 7, Skyworth Innovation Valley, No. 8, Tangtou No.1 Road,
Shiyan Old Street, Bao'an District, Shenzhen

Tel: +86-755-81202008

Fax: +86-755-27886083

Http: www.uotek.com

1. Overview

As the development of PC, USB port starts to replace most of the low speed external ports from old PC. In industrial field, most of the devices or equipment are still using RS-232 interface. In this situation, we need to use USB to RS-232 converter to complete the data transmission between PC and RS-232 equipment.

UT-883 is a universal USB/RS-232 converter without external power. It complies with USB, RS-232 standards; it converts single side USB signal to RS-232. This converter is with built-in zero delay auto receiving & transmitting conversion and unique I/O circuit auto control data flow direction, plug & play. It is compatible with current communication software and hardware.

UT-883 converter provides connection for point to point communication. The baud rate can be 300-115.2Kbps.

2. Major Functions & Features

- Supports USB to RS-232 Converter USB V2.0.

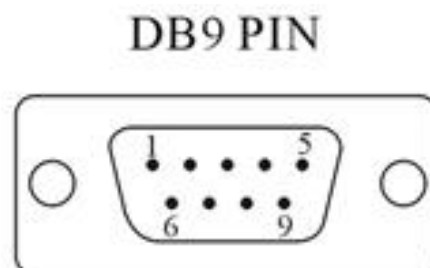
3. Technical Parameters

- Standards: conforming to USBV1.0, 1.1 and 2.0
- Support RS-232 interface, standard DB9 pin interface
- $\pm 15KV$ ESD anti-static protection
- Support remote wake-up and power management
- Plug-and-play, easy installation
- Suitable for RS-232 peripherals such as datacom, PDA, etc.
- Use environment: $-25\sim 70^{\circ}C$, relative humidity $5\sim 95\%$
- Support Win8/Win10/Win2000/2003/2008/2012/XP/Vista/7/8/8.1/10/CE/Mac/Linux etc.

4. Hardware Definition and Initial Setup

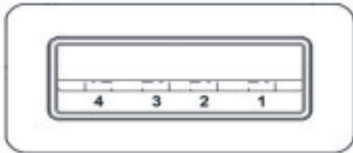
RS-232C Output signal pin assignment

DB9 male(PIN)	RS-232C Interface Signal
1	N/C
2	SIN (RXD)
3	SOUT (TXD)
4	N/C



5	GND
6	N/C
7	RTS
8	CTS
9	N/C

USB-A: USB output signals and PIN assignment



1. VCC
2. DATA-(DM)
3. DATA+(DP)
4. GND

5. Product View (Appearance)



6. Structure dimensions

$\frac{\text{mm} \pm 5}{(\text{inch}) \pm 0.2}$

