

Model:UT-810N

USB to RS-232 converter

Datasheet



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1. Overview

As the PC industry continues to evolve, the USB interface is gradually replacing the various low-speed peripheral interfaces of older PCs. However, many important devices in the current industrial environment still use the RS-232 interface design, so many users use USB to RS-232 converters to implement data transfer between PCs and RS-232 devices.

2. Major Functions & Features

- Support USB to RS-232 Converter

3. Technical Parameters

- Fully compatible with USB (Universal Serial Bus) Rev.1.1
- Support RS-232 interface
- Standard DB9 pin serial interface
- 1Mbps or more data transfer rate
- Support auto handshake protocol
- Support remote wake-up and power management
- USB bus direct power take-off, no external power supply required
- +/-15KV ESD anti-static protection
- Monolithic (ASIC) USB port to serial port communication
- Operating temperature: -25~70°C, relative humidity 5~95%
- Support Win98/Win2000/WinXP/Vista/Win7/Win8/Linux etc.

4. Hardware Definition and Initial Setting

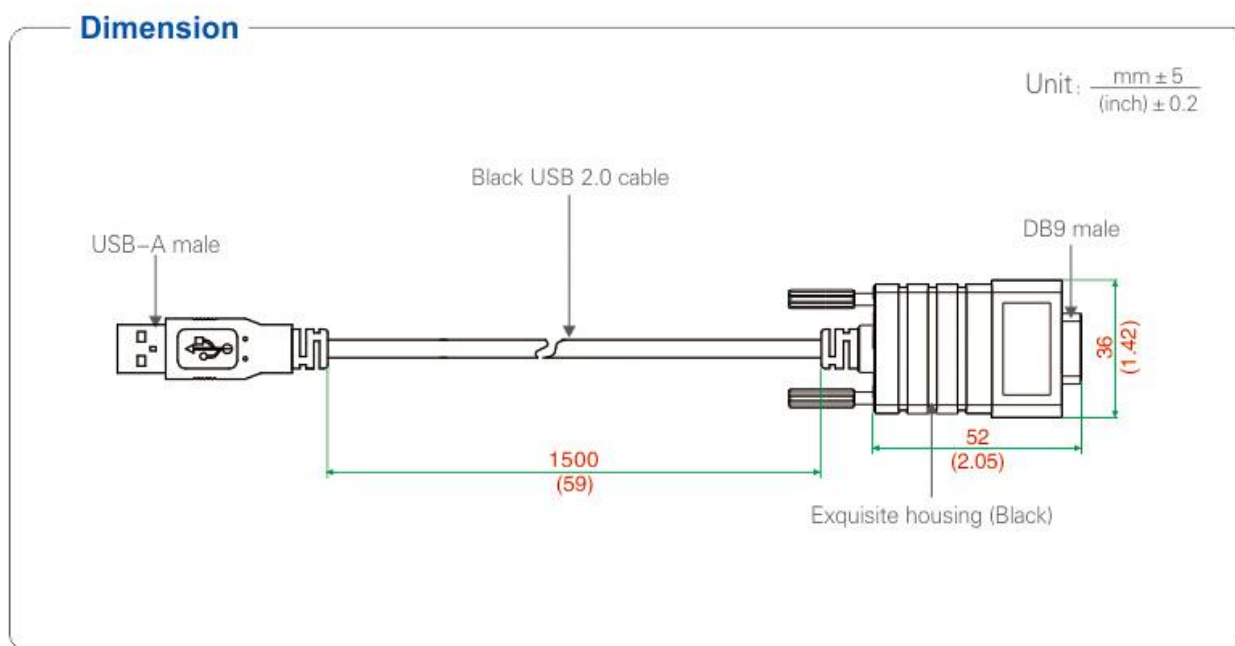
- RS-232C Pin Assignment

DB9 Female(PIN)	RS-232C Interface Signal
1	GND
2	Receiving data SIN (RXD)
3	Transmitting data SOUT (TXD)
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

5. Product View (Appearance)



6. Structure Dimension



7. Ordering Information

Model	Signal/Interface		Protection level	Baud rate	Operating Environment			Power	
	USB	RS232			Temperature		Humidity	plug and play	External power
	USB A Male	DB9 male	RS-232		-25~70°C	-40~85°C	5~95%		
UT-810N	√	√	±15KV ESD	300bps-115.2kbps	√		√	√	