

	Product Name	Key Feature
	<p style="text-align: center;">UT-8812</p> <p style="text-align: center;">2-ports USB to RS-232 Serial Converter with ESD protection</p>	

INTRODUCED

I. Summary:

USB interface is gradually replacing the old-fashioned low-speed peripheral interfaces of PC with the continuous development of PC industry. But many vital devices in current industrial environment is still designed using RS-232 interface, so the USB to RS-232 converters are needed to transfer data between PC and RS-232 devices.

UT-8812 is a universal USB 2 port RS-232 converter which doesn't need external power supply and is compatible with USB and RS-232 standards. It can convert single-end USB signal to RS-232 signal, and it has built-in automatic transmit-receive switch without time delay. The unique I/O circuit can be used to automatically control the direction of data flow so as to make it plug-and-play and applicable to all existing communication software and interface hardware.

UT-8812 supports point-to-point communication with data rate of 300-921600bps. The power indicator and data traffic indicator lights can be used for fault indication. USB to RS-232 conversion is supported.

II. Specification:

- Standards: Conforming to USB1.1, 1.0 and 2.0 standards and EIA RS-232 standard
- USB signals: VCC, DATA-, DATA+, GND, FG RS-232 signals: DCD RXD TXD DTR GND DSR RTS CTS RI
- Operating mode: Asynchronous mode, point-to-point mode
- Data flow control: Automatic data flow control technique is adopted to automatically determine and control the data flow
- Baud rate: 300-921600bps, automatically detecting the data rate Load capacity: point-to-point communication mode is supported
- Communication distance: 5 meters for RS-232 interface and no more than 5 meters for the USB port
- Interface protection: surge protection, ±15KV ESD protection
- Interface connection: A type male connector at USB side and DB9 male connector at RS-232 side
- Signal indication: 2 signal indicators transmit (TXD) receive (RXD) 1 power indicator (POWER)
- Transmission media: twisted-pair cable or shielded cable
- Cable length: 1500mm
- Working environment: -40°C to 85°C, relative humidity of 5% to 95%
- Supported OS: Support Windows2000/XP, Vista, server2003, Mac OS-X/OS9, LINUX, Windows7, Server 2008, and 64-bit

INFORMATION ORDER

MODEL: UT-8812 - 2 ports USB to RS-232 Serial Converter with ESD protection