

	Product Name	Key Feature
	<p style="text-align: center;"><b>UT-8801</b></p> <hr/> <p style="text-align: center;"><b>1-port USB to RS-232 Serial Converter with ESD protection</b></p>	

## INTRODUCED

### I. Summary:

With rapid development of computer industry, USB is taking the place of various kinds of traditional low speed peripheral interfaces. However, RS-232 interface designs are still used in many of the important facilities under current industrial environment, therefore, converter is used by many users to implement the data transmission from USB of a computer to RS-232 equipment. UT-8801 is a universal USB/RS-232 interface converter. No external power supply needed. Compatible with USB and RS-232 standards, UT-8801 is capable to perform the conversion from single-ended USB signal into UART signal of RS-232. DB9 male connectors are used for connection from RS-232 interface. The unique I/O circuit of the internal zero delay auto transceiver contained in the converter controls the data stream direction automatically. The converter is plug-and-play. All these features ensure a universal application on all the existing communication software and hardware interfaces. The data communication rate can be as high as 300-921.6Kbps by the point-to-point communication by UT-8801 interface. Power indicator light and data traffic indicator light are also available with the converter for malfunction indication. Conversion from USB to RS-232 is supported.

### II. Specification:

- Standards: conforming to USBV1.0, 1.1 and 2.0 and EIA RS-232.
- USB signals: VCC, DATA+, DATA-, GND and FG..
- RS-232 signals: DCD RXD TXD DTR GND DSR RTS CTS RI
- Working mode: asynchronous point-to-point.
- Direction control: adoption of automatic data stream control for automatic recognition and control of data transmission direction.
- Baud rate: 300-921.6Kbps, automatic detection of the transmission rate of the serial interface signal.
- Transmission distance: 5 meters for RS-232 and less than 5 meters for USB.
- Interface protection: ±15KV electrostatic protection.
- Interface forms: B interface female connector and DB9 male connector for USB.
- Signal indication: 9 indicator lights for Power (PWR), Send (TXD) and Receive (RXD).
- Transmission media: twisted-pair cable or shielded cable.
- Dimensions: 1530mm×33mm×16mm.
- Working environment: -25°C to 70°C, relative humidity 5% to 95%.
- Windows95/98/2000/XP/Vista and IMAG are supported.
- Both BUS and external power supply are supported.

## INFORMATION ORDER

**MODEL: UT-8801** 1-port USB to RS-232 Serial Converter with ESD protection