

Model: UT-860

(Product Name: USB to RS-232 4 Ports Converter USB V2.0)

Datasheet



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1. Overview

UT-860 is a port-powered universal USB/RS-232 converter; there is no need external power. It complies with USB and RS-232 standards; it converts single side USB signal to UART RS-232 signal. RS-232 port adopts DB9 male as connector. This converter is with built-in zero delay auto receiving and transmitting conversion and unique I/O circuit auto control data flow direction, plug & play. It is compatible with current communication software and hardware.

UT-860 converter provides connection for point to point communication, with baud rate 300-921.6Kbps. The power and data flow indicators indicate the working status.

2. Major Functions & Features

- Supports USB to RS-232 4 ports converter USB V2.0.

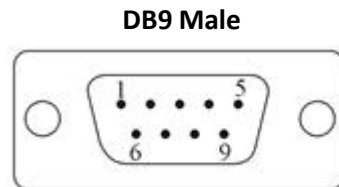
3. Technical Parameters

- Standards: USBV1.1, 1.0, 2.0 EIA RS-232
- USB signal: VCC, DATA-, DATA+, GND, FG
- RS-232 signal: DCD RXD TXD DTR GND DSR RTS CTS RI
- Working mode: Asynchronous, point-to-point
- Direction control: Adopting automatic data flow control technology to automatically discern and control the direction of data transmission
- Baud rate:300bps~921.6kbps, automatic detection of serial signal rate
- Transmission distance: Less than 5m for USB port, 5m for RS-232 port
- Interface protection: ± 15 KV ESD
- Connector: USB-B female, DB9 male
- Signal indicators: nine signal indicators sending (TXD), receive(RXD), power (POWER)
- Transmission media: twisted-pair or shielded cable
- Dimension: 210mmx130mmx32mm
- Operating temperature: -45°C to 80°C; Relative humidity: 5% to 95 %
- Supports Win98/Win2000/WinXP/Vista/Win7/Linux
- Support bus or external power supply

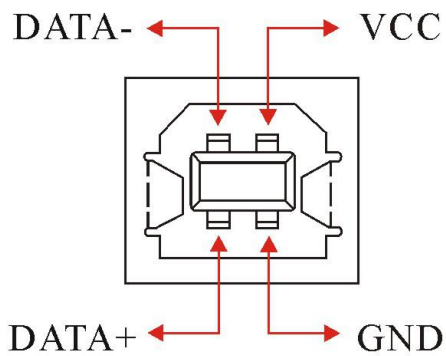
4. Pin Definition

RS-232C output signal and terminal pin assignment

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



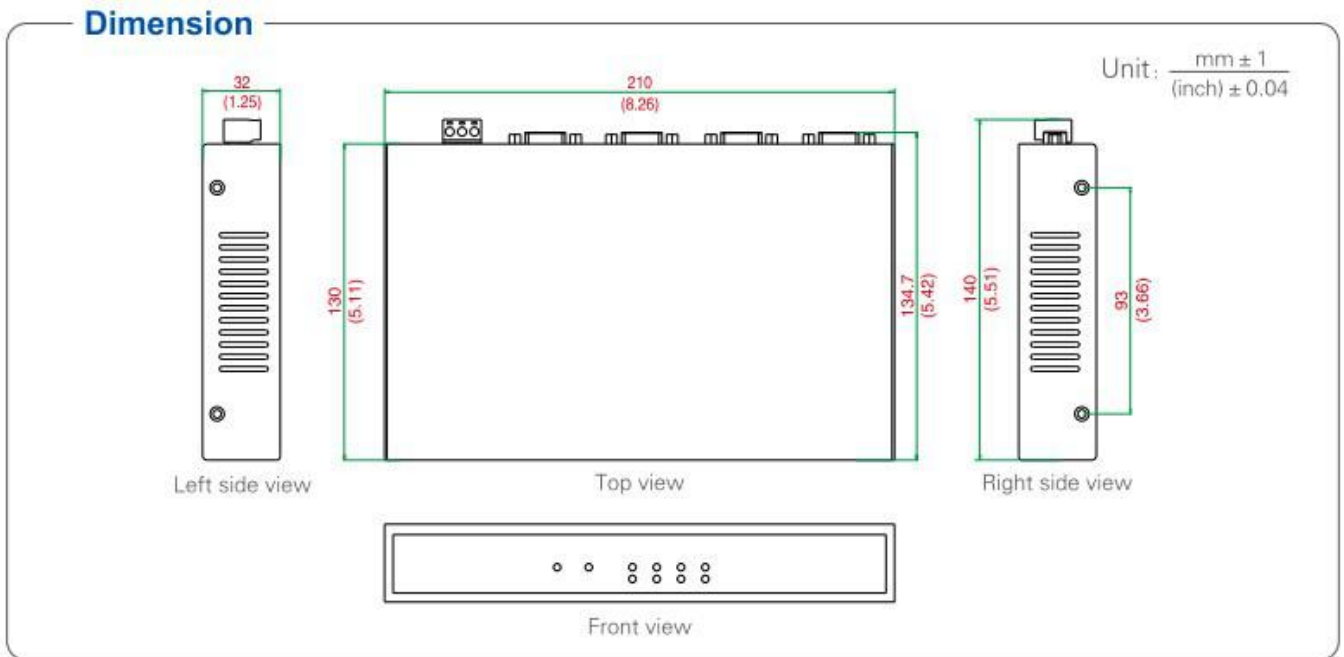
USB-B female: The picture of USB signal input and pin assignment



5. Product View (Appearance)



6. Structure dimensions



7. Ordering

Ordering

Model	Signal/Port			Protection		Baudrate	Environment			Power	
	USB	RS-232	RS-485/422	RS-232	RS-485/422		Temperature		Humidity	Port-Powered	External Power
	USB-B	DB9 male					-25/70°C	-40/85°C	5-95%		
UT-860	✓	✓		± 15KV ESD		300bps-921.6kbps		✓	✓		9-48VDC
UT-861	✓		✓		600W Surge	300bps-128kbps		✓	✓		9-48VDC

Accessories: Power adapter/USB cable/Fixed piece.