

## USB232

### USB to RS-232 Converter

#### Features

1. Small volume, easy installation
2. No power supply needed, plug and play
3. Single chip(ASIC) USB port to serial port communication  
Automatic detective serial signal rate
4. Accord USB1.1 or 2.0, EIA RS232 standard
5. USB full-speed to 12Mbps
6. LED indication: RXD/TXD(RS-232)



#### Introduction

USB232 smart adapter cable lets PC users add an additional serial port for RS-232 connections using USB. It provides an external plug-and-play port for convenient connection of cell phones, digital cameras, modems and ISDN terminals. Just plug the serial device

into the cable and the cable into the USB port. Automatic handshake is supported. No IRQs are required. This smart cable transmits up to 230 kbps with a 96 byte buffer for upstream and downstream data flow.

#### Specification

##### USB

Compliance: USB1.1/2.0 compliant  
Connector: USB type A  
Speed: 12Mbps(full-speed)

##### Serial interface

Numbers of ports: 1  
Serial standards: RS-232  
Connector: DB9 male  
Serial Line protection  
ESD Protection: 15KV embedded

##### Performance

Baudrate: 300bps to 115.2Kbps

##### Serial Communication Parameters

Data Bites: 5, 6, 7, 8  
Stop Bits: 1, 1.5, 2  
Parity: None, Even, Odd, Space, Mark  
Flow Control: RTS/CTS, XON/XOFF  
FIFO: 128 bytes

##### Serial Signals

RS-232: TXD, RXD, RTS, CTS, DTR, DSR, DCD, RI, GND

##### Driver Support

Operating System: Support Windows98/ME and Windows2000/XP, Windows Server 2003/2008, Windows 7/Vista

##### Physical Characteristics

Weight: Products only: 70g  
Packaged: 120g  
Dimension: 70mm×35mm×18mm(wiring 1.5m)

##### Environment

Working temperature: -10 to 60°C  
Storage temperature: -25 to 85°C  
Humidity: Relative humidity 5% to 95%

##### Power requirements

No power supply needed, powered from USB  
Consumption: Static consumption less than 80mA, dynamic average consumption less than 150mA

##### Warranty: 5 years

Approvals: FCC, CE, RoHS approvals

#### Packing List

1. USB232 × 1
2. CD for software × 1
3. User manual × 1

