



UTS1009B

1 port USB-to-RS-232 Adapter



Introduction

SUNIX ComHub UTS series transform your Universal Serial Bus (USB) port into asynchronous RS-232 serial ports for communication with serial devices. The UTS1009B adapter is compatible with both USB 3.0, 2.0 and 1.1 specifications with serial ports communication speed up to 115.2Kbps. It provides a quick, simple and cost-effective way to bring the advantages of data accessibility and mobile solution for kinds of commercial and industrial automation applications.

Features

- Expands one independent RS-232 serial ports through USB interface.
- Supports Universal Serial Bus Plug-n-Play and Hot-Swapping feature.
- No IRQ, DMA, I/O address resource required.
- Supports USB1.1 full speed 12Mbps and USB2.0/3.0 compatible.
- Each serial port provides transmission rate up to 115.2Kbps.
- Built-in ± 15 KV ESD protection for all serial signals.
- Compact Size and low power consumption.
- Supports both USB bus power mode without additional external power.
- Certified by CE, FCC, RoHS, and Microsoft WHQL approval.
- Support Microsoft Windows and Linux.

Specifications

Serial Communication

Interface	RS-232	Baud rate	50bps ~115.2Kbps
Controller	Prolific PL2303HXD (16C550 UART Compatible)	Data bit	5, 6, 7, 8
BUS	Universal Serial Bus (USB)	Stop bit	1, 1.5, 2
No. of Port	1-port	Parity	even, odd, none, mark, space
IRQ & IO	Assigned by System	Flow Control	None, Xon/Xoff, RTS/CTS
FIFO	16 byte Hardware		
Signal	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND		
Protection	±15KV ESD protection for each signal Human Body Model (HBM) ±15KV IEC1000-4-2 Air Gap Discharge ±8KV IEC1000-4-2 Contact Discharge		
PCB Connector	DB9 Male		

Driver Support

Microsoft Client	2000/XP/Vista/7/8/8.1 (X86/X64)
Microsoft Server	2003/2008/2012 (X86/X64)
Microsoft Embedded	CE5.0/XP Embedded
Linux	Linux 2.4.x/2.6.x/3.x
DOS	DOS

Regulatory Approvals

Hardware	EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B, RoHS
Software	Microsoft WHQL Windows

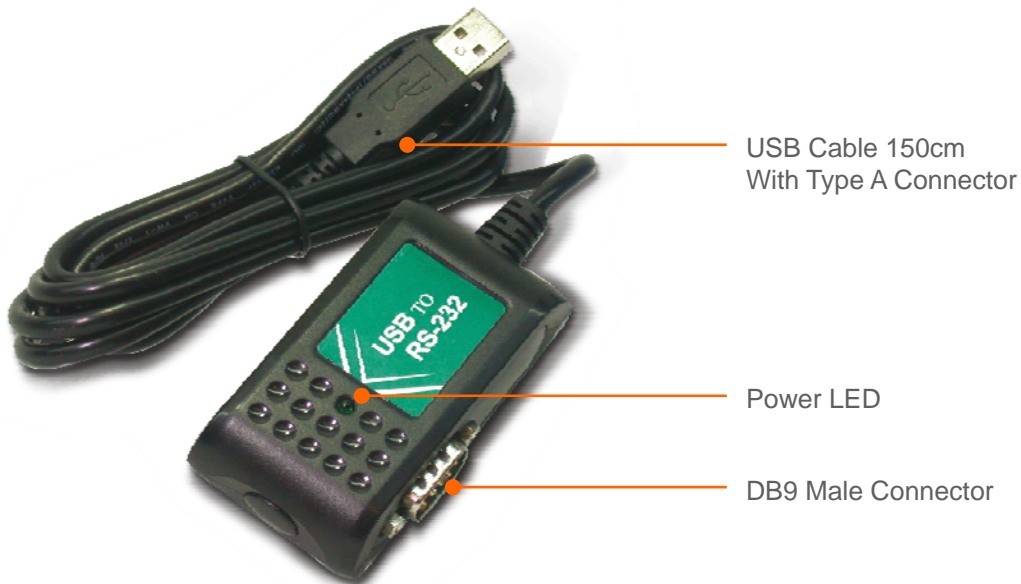
Environment

Operation Temperature	0 to 60°C (32 to 140°F)
Operation Humidity	5 to 95% RH
Storage Temperature	-20 to 85°C (-4 to 185°F)

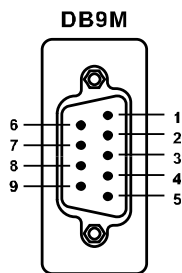
Dimension

PCB Dimension	15 x 45 x 33 mm
Cable Length	1500 mm (5ft)

Appearance



Pin Assignment



PIN	DB9M
DCD	1
RxD	2
TxD	3
DTR	4
GND	5
DSR	6
RTS	7
CTS	8
RI	9

Package List

- UTS1009B - 1 port USB-to-RS-232 Adapter
- Quick Installation Guide
- Software CD ROM



Ordering Information

- UTS1009: 1-port USB-to-RS-232 Adapter
- UTS2009: 2-port USB-to-RS-232 Adapter
- UTS4009: 4-port USB-to-RS-232 Adapter

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