



UTS4009P

4 ports 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 UTS4009P adapter is compatible with both USB 2.0 and 1.1 specifications and provides serial ports with transfer 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 4 (four) 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 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.
- Each serial port owns Tx/Rx signal LED to indicate communication status.
- Supports both USB bus power and additional external power adapter modes.
- Certified by CE, FCC, RoHS, and Microsoft WQHL approval.
- Support Microsoft Windows and Linux.



Specifications

Serial Communication

Interface: RS-232

Controller: Prolific PL2303Hx
(16C550 UART Compatible)

BUS: Universal Serial Bus (USB)

No. of Port: 4 ports

IRQ & IO: Assigned by System

FIFO: 16 byte Hardware

Signal: TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND

Baud rate: 50~115.2Kbps

Data bit: 5, 6, 7, 8

Stop bit: 1, 1.5, 2

Parity: even, odd, none, mark, space

Flow Control: None, Xon/Xoff, RTS/CTS

Protection: ± 15 KV ESD protection for each signal
Human Body Model (HBM)
 ± 15 KV IEC1000-4-2 Air Gap Discharge
 ± 8 KV IEC1000-4-2 Contact Discharge

Connector: DB9 Male

Power:

Bus Power: USB 5V Bus Power

External Power: DC-Jack for 5VDC Power Adapter

Driver Support:

Microsoft Windows: 98/ME/2000/XP/Vista/7 (X86/X64)

Microsoft Embedded: CE5.0/XP Embedded

Microsoft Server: 2003/2008 (X86/X64)

Linux: Linux 2.4.x / 2.6.x

Regulatory Approvals:

Hardware: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, FCC Part 15 Class B, RoHS

Software: Microsoft WHQL Window XP Vista

Operation 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:

Molding Dimension: 70 x 180 x 26 mm

USB Cable Length: 1500mm (5ft)



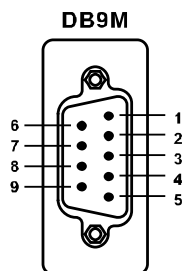
Unit:mm



Appearance



Pin Assignment



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

Packing List

Packing Content

- UTS4009P - 4 ports USB-to-RS-232 Adapter
- Quick Installation Guide
- Software CD ROM
- 5V/1A Power Adapter (Optional)



Order 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
- UTS7009 7-port USB-to-RS-232 Adapter