



UTS1009GC

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 UTS1009GC adapter is compatible with both USB 2.0 and 1.1 specifications and provides serial port 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 one independent RS-232 serial port through USB interface.
- Supports Universal Serial Bus Plug-n-Play and Hot-Swapping feature.
- No IRQ, DMA, I/O address resource required.
- Supports USB2.0 and USB1.1 compatible.
- Serial port provides transmission rate up to 115.2Kbps.
- Built-in $\pm 15KV$ ESD protection for all serial signals.
- Compact Size and low power consumption.
- Supports USB bus power without additional external power.
- Certified by CE, FCC, RoHS, and Microsoft WHQL approval.
- Support Microsoft Windows and Linux.

Specifications

Serial Communication

Interface	RS-232
Controller	Prolific PL2303GC
BUS	Universal Serial Bus (USB)
No. of Port	1 port
IRQ & IO	Assigned by System
FIFO	Receive 768 byte Buffer Hardware Transmit 256 byte Buffer 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	RTS/CTS and/or DSR/DTR, XON/XOFF
Protection	±15KV ESD protection for each signal Human Body Model (HBM) ±15KV IEC1000-4-2 Air Gap Discharge ±8KV IEC1000-4-2 Contact Discharge
Connector	DB9 Male with Screw bolt

Power

Power Source	USB Bus Power +5VDC (±5%)
Standby Power Consumption	<100mA / 5VDC
Working Power Consumption	<150mA / 5VDC

Driver Support

Microsoft Windows	7 / 8.x / 10 (X86/X64)
Microsoft Embedded	Windows Embedded CE, Windows CE
Microsoft Server	2008R2 / 2012/2016(X64)
Linux	Linux 2.6.x or later
MAC	MAC OS X

Environment

Operation Temperature	0 to 60°C
Operation Humidity	10 to 80% RH
Storage Temperature	-30 to 85°C

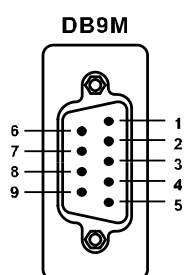
Standards and Certifications

EMC	CE, FCC, VCCI, BSMI
Green	RoHS, WEEE, REACH

Physical Characteristics

Molding Dimension	15 x 45 x 33 mm
Cable Length	1200mm

Pin Assignment



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

Package

- UTS1009GC - 1 port USB-to-RS-232 Adapter, Cable 120 cm (4 ft)

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