

UTS4009C

4 ports USB-to- Powered RS-232 Serial hub



Introduction

SUNIX UTS4009C Serial Hub transform your Universal Serial Bus (USB) port into asynchronous RS-232 serial ports for communication with serial devices. The UTS4009C Serial hub is compatible with both USB 2.0 and 1.1 specifications and provides serial ports with transfer speed up to 115.2Kbps. SUNIX UTS4009C supports +5 or +12VDC of power serial port output. It's convenient for users connecting serial devices without addition external power supply. 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.
- Provides RS-232 serial ports with +5 or +12 VDC power output
- 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.
- Each serial port owns power indicator LED to confirm output power status.
- Supports both USB bus power and additional external power adapter modes.
- Support Microsoft Windows and Linux.

Specifications

Serial Communication

Interface	RS-232
Controller	Prolific PL2303GC
BUS	Universal Serial Bus (USB)
No. of Port	4 port
IRQ & IO	Assigned by System
FIFO	1024-byte bi-directional data FIFO buffers Receive 768 byte Buffer Hardware Transmit 256 byte Buffer Hardware
Signal	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI/12V/5V, 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 IEC61000-4-2 Air Gap Discharge ±8KV IEC61000-4-2 Contact Discharge
Connector	DB9 Male with Screw nuts

Power

Power Source	USB Bus Power +5VDC (±5%)
External Power input	USB-C PD 45~100WDC Power Adapter (not include)

Driver Support

Microsoft Windows	7 / 8.x / 10/11 (X86/X64)
Microsoft Server	2008R2 / 2012/2016(X64) /2019(X64)
Linux	Linux 2.6.x or later
MAC	MAC OS X

Environment

Operation Temperature	0 to 60°C
Operation Humidity	5 to 95% RH
Storage Temperature	-20 to 85°C

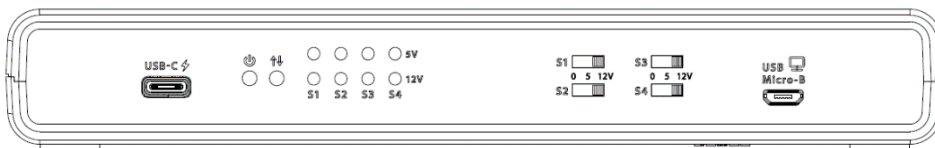
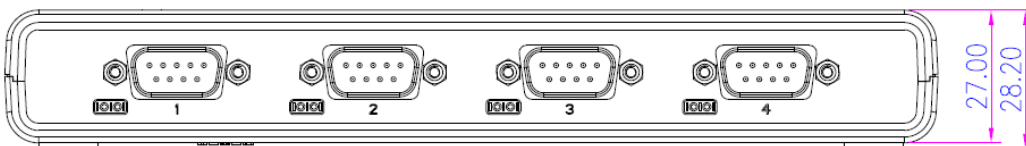
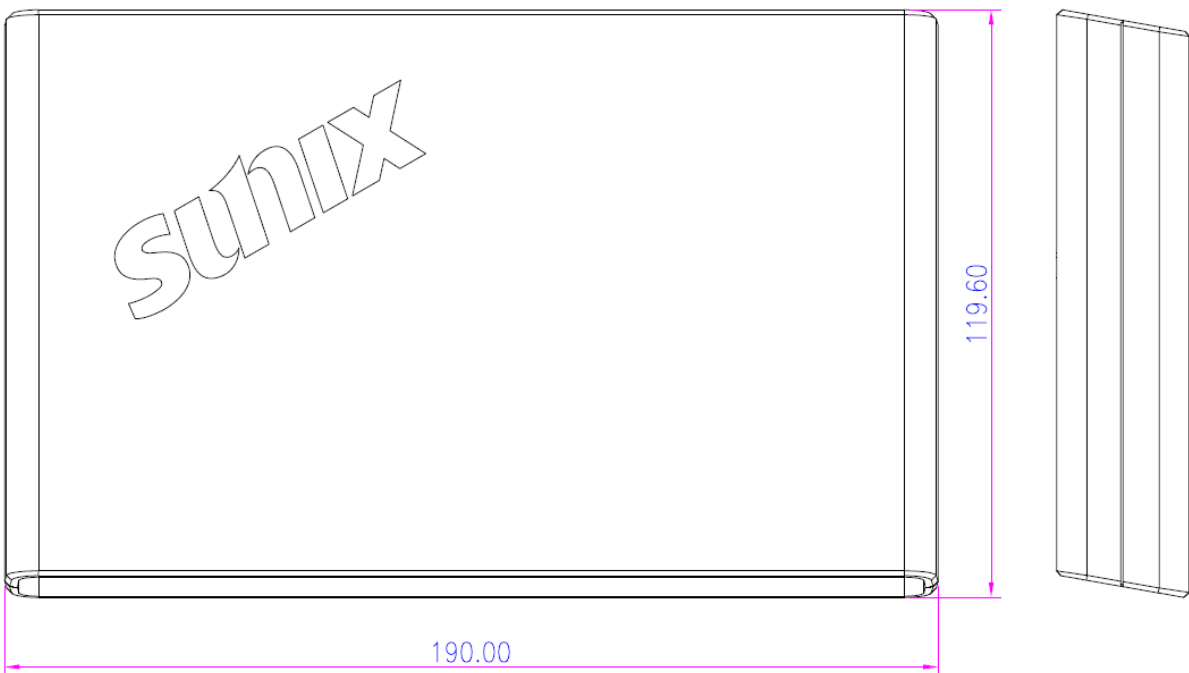
Standards and Certifications

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

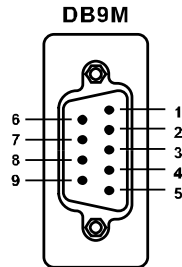
Physical Characteristics

Dimension	190 x 119.6 x 28.2 mm
Cable Length	250mm

Dimension



Pin Assignment



PIN	DB9M
DCD	1
RxD	2
TxD	3
DTR	4
GND	5
DSR	6
RTS	7
CTS	8
RI/5V/12V	9

Package

- UTS4009C - 4 ports USB-to-power RS-232 Serial hub.
- USB Type A plug to micro B plug Cable 25 cm
- Quick Installation Guide

Headquarters

Taiwan

Sunix Co., Ltd.
 Tel : +886-2-8913-1987
 Fax : +886-2-8913-1986
 Website : www.sunix.com
 E-mail : info@sunix.com

America

SUNIX USA, INC.
 Tel : +1 (626) 765-4031
 Fax : +1 (909) 594-8906
 Website : www.sunix.com
 E-mail : sales.sunixusa@sunix.com

Germany

Sunix Vertriebs GmbH
 Tel : +49(0)6995-20 9506
 Fax : +49(0)6995-20 8267
 Website : www.sunix.com
 E-mail : info@sunix-euro.de

China

Shanghai Office
 Tel : +86-21-6469-1670
 Fax : +86-21-6468-8346
 Website : www.sunix.com.cn
 E-mail : info@sunix.com.cn

Beijing Office

Tel : +86-10-65308429

Fax : +86-10-65308421

Shenzhen Office

Tel : +86-07-5533500418