



**UTS4009P**  
USB to RS-232 HUB



**■ Introduction**

Sunix's UTS4009P is an USB to RS-232 hub which offers user four serial port connections. The ports have a data transfer rate up to 115 Kbps. Users are able to connect four serial devices through the hub to the USB port on their system. The hub supports wake on line and power management function. It has dual data buffers for upstream and downstream data flow.

**■ Features**

- USB1.1 full speed 12Mbps with bus power
- USB 2.0 backward Compatible
- Support Wake on line & power manager function
- Support Hot-Swapping & Plug-n-Play
- No IRQ, DMA, I/O, address resources required
- Support RS-232 Automatic handshake mode
- Dual data buffers for upatream and downatream data flow
- RS-232 Speed up to 115Kbps
- Friendly Grappic User Interface

**■ Specifications**

**■Function**

<b>TYPE</b>	Sunix USB to Serial Communication HUB
<b>Mode of Operation</b>	Handshaking
<b>Bus Transceivers</b>	RS-232 Full-Duplex
<b>Drivers per Line</b>	RS-422 1 Driver
<b>Receivers per Line</b>	RS-232 1 Receivers
	RS-232 1 Receivers

## ■Hardware

<b>IC</b>	Prolific 2303HX
<b>Controller</b>	SUNIX UART (16C550 compatible)
<b>No. of Ports</b>	7,4,2,1 ports
<b>Connector</b>	DB62F/DB9M/MiniBlock DC jacker
<b>Bus Interface</b>	Universal Serial Bus (USB)
<b>Dimension (WxDxH)</b>	180 x 70 x 26 mm
<b>Power</b>	DC power 2

## ■Communication

<b>IRQ &amp; I/O address</b>	Assigned by BIOS
<b>FIFO</b>	16 byte hardware FIFO
<b>Baud Rate</b>	115Kbps
<b>Data bit</b>	5,6,7,8
<b>Stop bit</b>	1, 1.5, 2
<b>Parity</b>	even, odd, none, mark, space
<b>Flow Control</b>	None, Xon/Xoff, Hardware
<b>RS-422 Singal</b>	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND

## ■Regulator approvals

<b>Hardware</b>	CE, FCC
<b>Software</b>	WHQL

## ■Driver support

<b>Microsoft</b>	Windows 9x, 2000, XP, 2003
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## ■Operation Environment

<b>Operation Temperature</b>	0°C ~ 57 °C
<b>Operation Humidity</b>	5 ~ 95% RH
<b>Storage temperature</b>	-20°C ~ 85°C

## ■Package content

<b>Hardware</b>	SunixUSB to Serial HUB Switch Adapter ( Optional )
<b>Cable</b>	DB62M to 8/4 ports DB9M or DB25M USB MinA to B Cable
<b>CD</b>	Driver CD
<b>Manual</b>	User Manual

## Optional Accessories

Item	Port	Function		FIFO	Port Type			USB Interface	Power	
		RS422/485	RS-232	Hardware	DB9M	DB25M	Mini Blok		USB	External
UTS7009P	7		•	16	•	•		2.0/1.1	•	•
UTS4009P	4		•	16	•			2.0/1.1	•	•
UTS2009P	2		•	16	•			2.0/1.1	•	
UTS1009	1		•	16	•			2.0/1.1	•	
UTS1025	1		•	16		•		2.0/1.1	•	



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