

ComHub

UTS7009 / 4009

7/4 ports USB to RS-232 Serial Hub



Features



- Expands 7/4 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
- 15KV ESD Surge protection for all serial signals
- Supports both USB bus power and external power
- Support Windows CE / 98 / ME / 2000 / XP / 2003 and Linux Driver

Overview

SUNIX ComHub series is designed to easily connect your current serial devices through PC's USB (Universal Serial Bus) port without powering down your system or IRQs configuration. Users can install and use SUNIX

ComHub as standard serial ports from your application. It provides a quick, simple and cost-effective way to bring the advantages of data accessibility and mobile solution for configuring field instruments.

Specifications

USB Communication

| | |
|------------------|--|
| Bus | Universal Serial Bus (USB) |
| Standard | Compliant with USB1.0, 1.1 and 2.0 |
| Connector | UTS7009: USB Type B UTS4009: USB Type Min B 5-pin |
| Speed | Full speed 12Mbps |

Serial Communication

| | |
|---------------------|--|
| Interface | RS-232 |
| Controller | Prolific 2303HX 16C550 Compatible UART |
| No. of Port | UTS7009: 7-port UTS4009: 4-port |
| Port Type | UTS7009: DB9 or 25 Male UTS4009: DB9 Male |
| IRQ & IO | Assigned by System |
| FIFO | 16byte hardware FIFO |
| Baud Rate | 75 ~ 115,200bps |
| Data bit | 5, 6, 7, 8 |
| Stop bit | 1, 1.5, 2 |
| Parity | Even, Odd, None, Mark, Space |
| Flow Control | None, Xon/Xoff, HardWare |
| Signal | TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND |
| Protection | 15KV ESD protection for all signal |

| | |
|------------|---|
| LED | Red for Tx/D, Green for Rx/D, Orange for Full-Duplex |
|------------|---|

Power

| | |
|--------------------|--|
| Input Power | USB Bus-power 5VDC External Power, DC Jack type |
|--------------------|--|

Power Consumption

| | |
|----------|-------------------|
| UTS7009: | < 1.2W=5V x 230mA |
| UTS4009: | < 0.7W=5V x 130mA |

Driver Support

| | |
|------------------|----------------------------------|
| Microsoft | Windows CE4.2/98/ME/2000/XP/2003 |
| Linux | Linux 2.2.x, 2.4.x |
| MAC | MAC 8.6 or later |

Mechanical

| | |
|-------------------|--------------------------|
| Dimensions | 180 x 70 x 26 mm (WxDxH) |
| Case | ABS |
| Weight | 140±5g |

Regulatory Approvals

| | |
|-----------------|----------------|
| Hardware | CE, FCC |
| Software | Microsoft WHQL |

Operation Environment

| | |
|------------------------------|--------------|
| Operation Temperature | 0°C ~ 57°C |
| Operation Humidity | 5 ~ 95 % RH |
| Storage Temperature | -20°C ~ 85°C |

Appearance

UTS7009



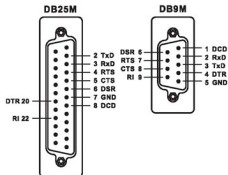
UTS4009



Dimensions



Pin Assignment



Order Information

UTS7009 7 ports USB to RS-232 Serial Hub

UTS4009 4 ports USB to RS-232 Serial Hub

Packing List

1. USB to RS-232 Serial Hub
2. USB A to B Cable
3. User's Manual and CD ROM Driver
4. Quick Installation Guide

Optional Accessories

1. Power Adapter DC 5V/1A
2. DB62 to 7 ports DB9/25M Serial ports cable, 40/100cm (UTS7009)