

# **UTS104P** USB to Serial Port Converter

- ◆ **Support four ports in one box**
- ◆ **Support four RS232 ports**
- ◆ **Support 5V power supply**



- ★ Support **USB2.0** device controller
- ★ **512 Bytes FIFO** for data transfer
- ★ Support **LED display** for each port
- ★ **four RS232** with 5V power supply for scanner
- ★ Support **bus powered & Self powered** mode
- ★ Each RS232 port can support up to **145mA@5VDC**
- ★ Use MOSCHIP MCS7840 chip

## **UTS104P Specification :**

### **USB interface:**

- \*Connector type: USB B type connector.
- \*Device Controller: USB 2.0
- \*stream FIFO size: 512Byte per serial port.

### **RS232 interface:**

- \*Connector type: DB9 male connector.
- \*Number of ports: 4 (port A,B,C,D)  
NOTE: port A,B,C,D have same signal ground with power input from USB bus.  
NOTE: pin 9 of DB9 connector can offer up to 145mA 5V power supply.

### **Environment :**

- \*operating temperature: 0v to 55°C .
- \*operating humidity: 10% to 95% RH.
- \*storage temperature: 0°C to 65°C .
- \*storage humidity: 5% to 95% RH.

### **Dimension :**

- \*UTS104P box:  
90mm (W) \* 150mm (L) \* 27mm(H)

### **LED indicator:**

- \*PWR: DC power input ON indicator.
- \*ATRD: RS232 port A TXD/RXD signal activity.
- \*BTRD: RS232 port B TXD/RXD signal activity.
- \*CTRD: RS232 port C TXD/RXD signal activity.
- \*DTRD: RS232 port D TXD/RXD signal activity.

### **Power input:**

- \*USB bus powered mode or self-powered mode.
- \*Current consumption: 200mA @ 5VDC.  
NOTE: user can order UTS400S for self-power mode to work with 5VDC power adapter.  
NOTE: we can use external UP110/UP220 5V power adapter for self-powered mode.

### **Accessories:**

- \*U101 cable: 6 feet USB A type to B type connector.
- \*UP110 power adapter: 90—240VAC USA type can support 5VDC @ 1.2Amp.
- \*UP220 power adapter: 90—240VAC EU type can support 5VDC @ 1.2Amp.

## **Performance upgrade capability and relative products :**

- \*TWIN485 box: two port ground isolated RS232 to RS422/485 converter.
- \*UTS040 box: USB to four ground isolated RS232 ports.
- \*UTS004 box: USB to four ground isolated RS422/485 ports.
- \*UTS485 box: USB to two RS232 and two ground isolated RS422/485 ports.

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