

# **UTS114** USB to Serial Port Converter

- ◆ **Support four ports in one box**
- ◆ **Support four RS232/422/485 port**
- ◆ **Powerful and Flexible for redundancy usage**



- ★ Support **USB2.0** device controller
- ★ **512 Bytes FIFO** for data transfer
- ★ Support **LED display** for each port
- ★ **four RS232, RS422 and RS485** settable port for local and remote connection.
- ★ **Auto Data Direction Control** on RS485 mode
- ★ Support **bus powered** mode
- ★ Use **ASIX MCS7840** chip

## **UTS114 Specification :**

### **USB interface:**

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

### **RS232/RS422/485 interface:**

- \*Connector type: DB9 male connector.
- \*Number of ports: 4 (port A,B,C,D)  
NOTE: We can use DIP SWITCH in PCB to set RS232 or RS422/RS485 interface type  
In default condition it is set in RS422/RS485 type. User needs to open cabinet to set DIP SWITCH in PCB for RS232 interface type.
- NOTE: RS422 or RS485 interface type set by DIP SWITCH.
- NOTE: each port with 5 signal pin  
TX+ , TX- , RX+ , RX- , GND
- NOTE: In RS485 interface type support Auto-Data-Direction-Control feature.  
Data+ and Data- signal can be in TX+ and TX- pair or RX+ and RX- pair.

### **LED indicator:**

- \*PWR: DC power input ON indicator.
- \*ATRD: RS422/485 port A TXD/RXD signal activity.
- \*BTRD: RS422/485 port B TXD/RXD signal activity.
- \*CTRD: RS422/485 port C TXD/RXD signal activity.
- \*DTRD: RS422/485 port D TXD/RXD signal activity.

### **Power input:**

- \*USB bus powered mode.
- \*Current consumption: 400mA @ 5VDC.

### **Environment :**

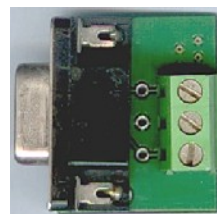
- \*operating temperature: 0℃ to 55 .℃
- \*operating humidity: 10% to 95% RH.
- \*storage temperature: 0℃ to 65℃.
- \*storage humidity: 5% to 95% RH.

### **Dimension :**

- \*UTS114 box:  
90mm (W) \* 150mm (L) \* 27mm(H)

## **Accessories :**

**TB485 : DB9 Female to RS485 terminal block kit.**



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

- \*UTS134i box: USB to four ground isolated RS422/485 ports safety model.
- \*UTS400 box: USB to four RS232 ports cost effective model.
- \*UTS040 box: USB to four ground isolated RS232 ports safety model.
- \*UTS004 box: USB to four ground isolated RS422/RS485 ports safety model.
- \*UTS485 box: USB to two RS232 and two ground isolated RS422/485 ports.

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