

# UTS310-I USB to Serial Port Converter

- ◆ Support two ports in one box
- ◆ One RS232/422/485 and one Ground Isolated RS232 port
- ◆ Less Expensive, Safety and Flexible



- ★Support USB2.0 device controller
- ★512 Bytes FIFO for data transfer
- ★ Support LED display for each port
- ★ One flexible RS232/422/485 settable port for local and remote connection.
- ★one Ground Isolated RS232 for safety connection.
- ★Auto Data Direction Control on RS485 mode
- ★Use ASIX chip

## **UTS310-I 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: 2 (port 1,2)
- NOTE: use DIP SWITCH to set RS232 or RS422/RS485 interface type in port1
- NOTE: ground isolated RS232 in port2.
- 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.
- NOTE:port2 is Ground isolated with USB bus.**

### **LED indicator:**

- \*PWR: DC power input ON indicator.
- \*Serial1: port 1 TXD/RXD signal activity.
- \*Serial2: port 2 TXD/RXD signal activity.

### **Power input:**

- \*USB bus powered mode.
- \*Current consumption: 200mA @ 5VDC.

### **Environment :**

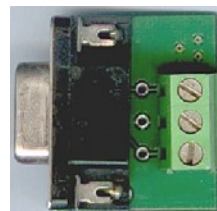
- \*operating temperature: 0℃ to 55 .℃
- \*operating humidity: 10% to 95% RH.
- \*storage temperature: 0℃ to 65℃ .
- \*storage humidity: 5% to 95% RH.

### **Dimension :**

- \*UTS310-I box:  
92mm (W) \* 118mm (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.
- \*UTS111 box: USB to one RS232/RS422/RS485 port cost effective model.
- \*UTS111-I box: USB to one ground isolated RS232/RS422/RS485 port.
- \*UTS112 box: USB to two RS232/RS422/RS485 ports cost effective model.
- \*UTS112-I box: USB to two ground isolated RS232/RS422/RS485 ports.
- \*UTS400 box: USB to four RS232 ports cost effective model.
- \*UTS040 box: USB to four ground isolated RS232 ports safety model.
- \*UTS485 box: USB to two RS232 and two ground isolated RS422/485 ports.

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