

# **UTS111** USB to Serial Port Converter

◆ **Support one RS232/422/485 port**

◆ **Less Expensive and Flexible**



★Support **USB2.0** device controller

★**512 Bytes FIFO** for data transfer

★Support data transmission **LED display** for each port

★one **RS232,RS422 and RS485** selectable port for local or remote connection.

★**Auto Data Direction Control** on RS485 mode

★Support **bus powered** mode

★Use ASIX MCS7810 chip

## **UTS111 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: 1
- NOTE: use DIP SWITCH to set RS232 or RS422/RS485 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.
- \*Serial1: port 1 TXD/RXD signal activity.

### **Power input:**

- \*USB bus powered mode.
- \*Current consumption: 100mA @ 5VDC.

### **Environment :**

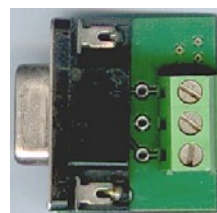
- \*operating temperature: 0°C to 55 °C
- \*operating humidity: 10% to 95% RH.
- \*storage temperature: 0°C to 65°C.
- \*storage humidity: 5% to 95% RH.

### **Dimension :**

- \*UTS111 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.
- \*UTS112 box: USB to two RS232/RS422/RS485 port cost effective model.
- \*UTS101-I box: USB to one ground isolated RS232 port.
- \*UTS111-I box: USB to one ground isolated RS232/RS422/RS485 port.
- \*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.
- \*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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