

UTS301-I USB to Serial Port Converter

- ◆ Support two ports in one box
- ◆ One RS232/422/485 and one Ground Isolated RS422/485 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.
- ★one **Ground Isolated RS422 and RS485** settable port for remote connection.
- ★**Auto Data Direction Control** on RS485 mode
- ★Use ASIX chip

UTS301-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: RS422 or RS485 interface type set by DIP SWITCH 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 :

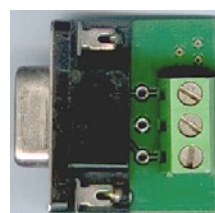
- *operating temperature: 0℃ to 55 .℃
- *operating humidity: 10% to 95% RH.
- *storage temperature: 0℃ to 65℃ .
- *storage humidity: 5% to 95% RH.

Dimension :

- *UTS301-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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