

UTS004 USB to Serial Port Converter

- ◆ Support four ports in one box
 - ◆ Support four ground isolated RS422/485 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 ground Isolated RS422 and RS485** selectable port for remote connection.
- ★**Auto Data Direction Control** on RS485 mode
- ★Support **bus powered** mode
- ★Use MOSCHIP MCS7840 chip

UTS004 Specification :

USB interface:

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

RS422/485 interface:

- *Connector type: DB9 male connector.
- *Number of ports: 4 (port A,B,C,D)
- NOTE: RS422 or RS485 interface type set by DIP switch.
- NOTE: each port with isolated signal ground each other and USB bus.
- NOTE: each port with 5 signal pin
TX+ , TX- , RX+ , RX- , isolated 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.

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.

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.
- NOTE: user can use UTS004S in self-powered mode to work with 5VDC power adapter

Accessories:

- *U101 cable: 6 feet USB A type to B type connector.

Dimension :

- *UTS004 box:
90mm (W) * 150mm (L) * 27mm(H)

Performance upgrade capability and relative products :

- *TWIN485 box: two port ground isolated RS232 to RS422/485 converter.
- *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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