

# UTS485

## USB to Serial Port Converter

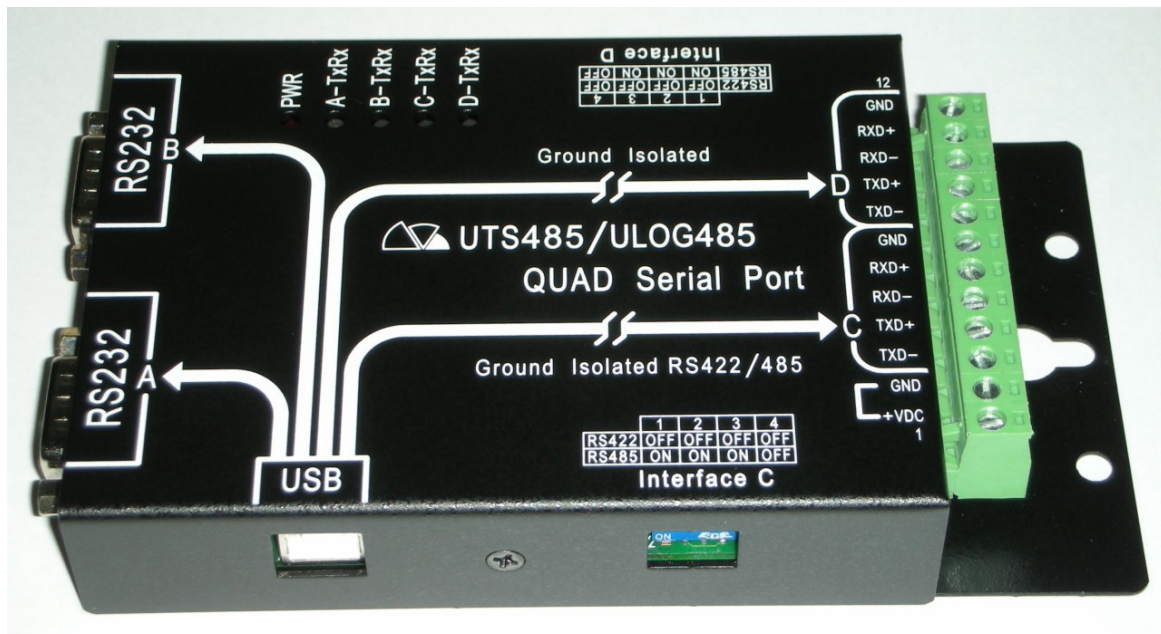
**Support four ports in one box**

**Support two RS232 ports &**

**two Ground isolated RS422/485 port**

**Support Windows & Linux Driver**

**Powerful and Flexible for redundancy usage**



- ★ Support USB2.0 device controller
- ★ 512 Bytes FIFO for data transfer
- ★ Support LED display for each port
- ★ two RS232 for local connection
- ★ two Ground Isolated RS422 and RS485 selectable port for remote connection.
- ★ Auto Data Direction Control on RS485 mode
- ★ Support screw terminal in RS422/485 port
- ★ Support **bus powered** mode
- ★ Use ASIX MCS7840 chip

## UTS485 specifications :

<p><b>USB interface :</b></p> <ul style="list-style-type: none"> <li>◆ Connector type: USB B type connector.</li> <li>◆ Device Controller: USB 2.0</li> <li>◆ stream FIFO size: 512Byte per serial port.</li> </ul> <p><b>RS232 interface :</b></p> <ul style="list-style-type: none"> <li>◆ Connector type: DB9 male connector.</li> <li>◆ Number of ports: 2 (port A and B)</li> </ul> <p><i>NOTE: port A and B have same signal ground with power input from USB bus.</i></p> <p><b>RS422/485 interface:</b></p> <ul style="list-style-type: none"> <li>◆ Connector type: screw terminal block.</li> <li>◆ Number of ports: 2 (port C and D)</li> </ul> <p><i>NOTE: RS422 or RS485 interface type set by DIP switch.</i></p> <p><i>NOTE: terminator resistor insert or not set by DIP switch.</i></p> <p><i>NOTE: each port with isolated signal ground.</i></p> <p><i>NOTE: each port with 5 screw terminal signal pin TX+ , TX- , RX+ , RX- , isolated GND</i></p> <p><i>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.</i></p> <p><b>Power input :</b></p> <ul style="list-style-type: none"> <li>◆ USB powered mode.</li> <li>◆ Current consumption: 200mA.</li> </ul> <p><i>NOTE: user may use screw terminal block as 5V power input (OEM base).</i></p>	<p><b>LED indicator :</b></p> <ul style="list-style-type: none"> <li>◆ PWR: DC power input ON indicator.</li> <li>◆ A-TxRx: RS232 port A TXD/RXD signal activity.</li> <li>◆ B-TxRx: RS232 port B TXD/RXD signal activity.</li> <li>◆ C-TxRx: RS422/485 port C TXD/RXD signal activity.</li> <li>◆ D-TxRx: RS422/485 port D TXD/RXD signal activity.</li> </ul> <p><b>Accessories :</b></p> <ul style="list-style-type: none"> <li>◆ U101 cable: 6 feet USB A type to B type connector.</li> </ul> <p><b>Dimension :</b></p> <ul style="list-style-type: none"> <li>◆ UTS485 box: 84mm (W) * 150mm (L) * 25mm(H)</li> </ul> <p><b>Environment :</b></p> <ul style="list-style-type: none"> <li>◆ operating temperature: 0°C to 55°C</li> <li>◆ operating humidity : 0% to 95% RH.</li> <li>◆ storage temperature : 0°C to 65°C .</li> <li>◆ storage humidity : 5% to 95% RH.</li> </ul>
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## Performance upgrade capability and relative products.

- ▲ TWIN485 box: two sets ground isolated RS232 to RS422/485 converter.
- ▲ UTS400 box: USB to four RS232 ports.
- ▲ UTS040 box: USB to four GROUND isolated RS232 ports.
- ▲ UP422I PCI PORT card: each card support two ground isolated RS422/485 ports.
- ▲ UP485I PCI PORT card: each card support four ground isolated RS422/485 ports.

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