

# UTS485

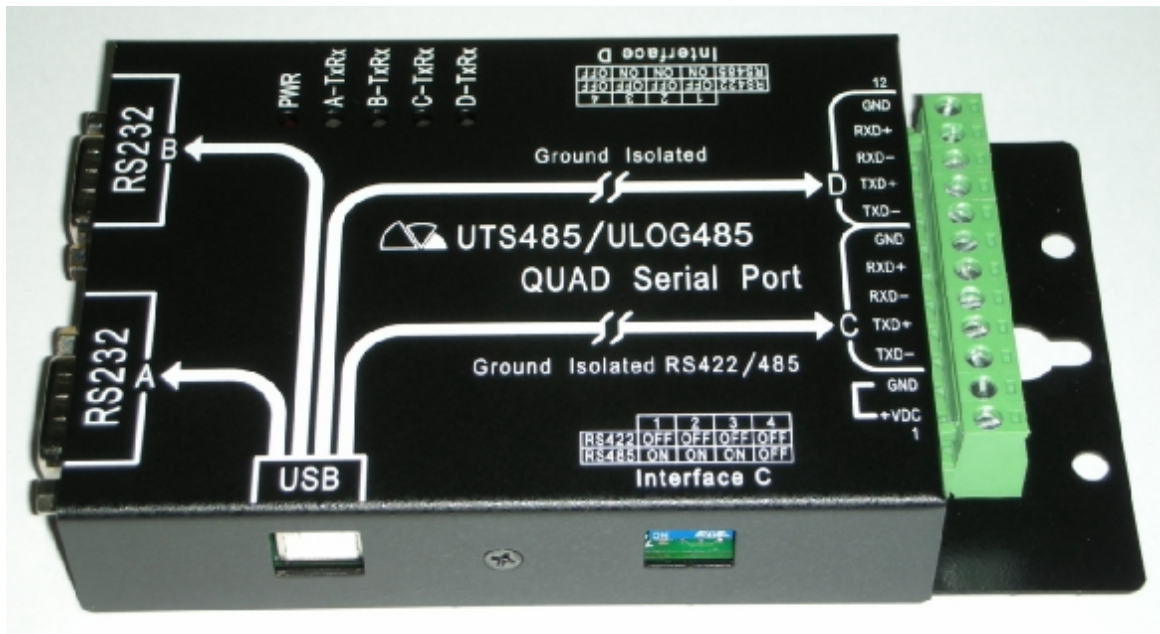
## USB to Serial Port Converter

Support four ports in one box

Support **two RS232** ports

Support **two 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
- ★ 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 MOSCHIP 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.
- ▲ P422I PCI PORT card: each card support two ground isolated RS422/485 ports.
- ▲ P485 PCI PORT card: each card support four ground isolated RS422/485 ports.

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	<p><b>RAYON TECHNOLOGY CO., LTD.</b> 2F, No. 177, Chung-Shan 2 Rd., Lu-Chou city, Taipei Hsien, Taiwan. TEL: 886-2-82858362 FAX: 886-2-82857065 E-Mail: <a href="mailto:rayon@msl.hinet.net">rayon@msl.hinet.net</a> WEB: <a href="http://www.computex.com.tw/rayon">http://www.computex.com.tw/rayon</a> WEB: <a href="http://www.rayontech.com">http://www.rayontech.com</a></p>
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