UTS114 USB to Serial Port Converter

◆ **Support four ports in one box**

◆ **Support four RS232/422/485 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 RS232,RS422 and RS485** selectable port for remote connection.

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

★Support **bus powered** mode

★Use MOSCHIP MCS7840 chip

UTS114 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: 4 (port A,B,C,D)
  NOTE: We can use DIP SWITCH in PCB to set RS232 or RS422/RS485 interface type In default condition it is set in RS422/RS485 type. User needs to open cabinet to set DIP SWITCH in PCB for RS232 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.
*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.

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

Dimension：
*UTS114 box:
  90mm (W) * 150mm (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.

*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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