UTS112 USB to Serial Port Converter

◆ **Support two ports in one box**

◆ **Support two RS232/422/485 port**

◆ **Less Expensive and Flexible**

★Support **USB2.0** device controller

★**512 Bytes FIFO** for data transfer

★Support data transmission **LED display** for each port

★two **RS232,RS422 and RS485** selectable port for remote connection.

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

★Support **bus powered** mode

★Use ASIX chip

UTS112 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
  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.
*Serial1: port 1 TXD/RXD signal activity.
*Serial2: port 2 TXD/RXD signal activity.

Power input:
*USB bus powered mode.
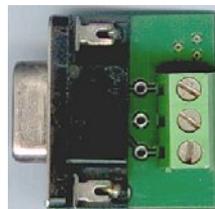*Current consumption: 200mA @ 5VDC.

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

Dimension：
*UTS112 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.
*UTS132-I box: USB to two ground isolated RS422/RS485 ports.
*UTS111-I box: USB to one ground isolated RS232/RS422/RS485 port.
*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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