UCON301-I

Support one Universal RS232/422/485 input to Ground isolated RS422/485 interface converter
Major in RS422/RS485 application environment
Powerful and Flexible

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

★ **Support one Universal RS232/422/485 input to Ground Isolated RS422 or RS485 settable interface converter.**

★ **Easy to set as RS232 to isolated RS422/RS485 interface converter.**

★ **Easy to set as RS422 to isolated RS422 repeater.**

★ **Easy to set as RS485 to isolated RS485 bridge.**

★ **Easy to set as RS422 to isolated RS485 interface converter.**

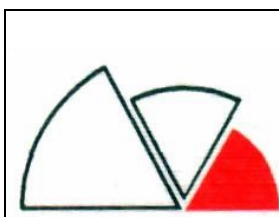★ **Support Auto Data Direction Control in RS485 interface**

UCON301-I specifications :

Serial1 interface :
◆Connector type: DB9 male connector.
◆Can be set to RS232/RS422/RS485 via DIP switch.
  NOTE:Serial1 port is same signal ground with power adapter input.

Serial2 interface:
◆Connector type: DB9 male connector.
◆Ground isolated RS422/RS485.
  NOTE: RS422 or RS485 interface type set by DIP switch.
  NOTE:Serial2 port is isolated signal ground with power adapter input.
  NOTE: each port with 5 signal pin TX+ , TX- , RX+ , RX- , isolated GND
  NOTE: In RS485 interface type support Auto-Data-Direction-Control feature. TX+ and RX+ short as Data+ signal , TX- and RX- short as Data- signal.

Power input :
◆**UP110/UP220** 5V power adapter.
◆Current consumption: 300mA.

LED indicator :
◆PWR: DC power input ON indicator.
◆**Serial1**: RS232/RS422/RS485 input port1 TXD/RXD signal activity.
◆**Serial2**: Isolated RS422/485 output port2 TXD/RXD signal activity.

Dimension :
◆UCON301-I box:
  92mm (W) * 118mm (L) * 27mm(H)

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

Application :
RS232 to full duplex Ground isolated RS422 interface converter.
RS232 to half duplex Ground isolated RS485 interface converter.
RS422 to GROUND isolated RS422 repeater.
RS485 to GROUND isolated RS485 bridge.
RS422 to GROUND isolated RS485 interface converter.

Performance upgrade capability and relative products.

▲ TWIN485 box: two sets ground isolated RS232 to RS422/485 converter.

▲ UTS112-I box: USB to two ground isolated RS232/422/485 ports converter.

▲ ULOG301-I box: monitored universal RS232/RS422/RS485 to GROUND isolated RS422/RS485 interface converter via USB connection.

▲ UP422I PCIPORT card: each card support two ground isolated RS422/485 ports.

▲ UP485I PCIPORT card: each card support four ground isolated RS422/485 ports.

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