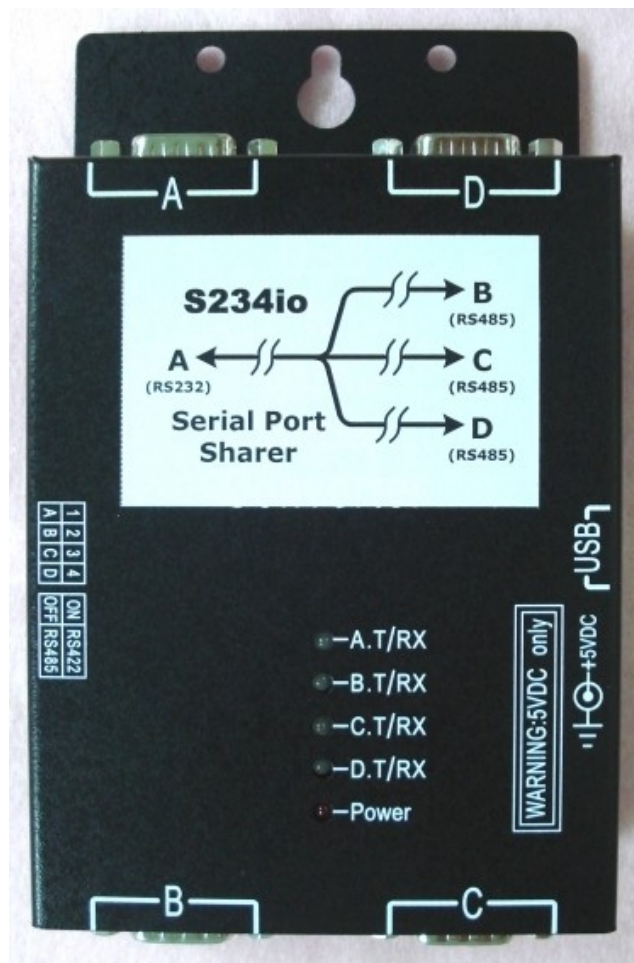


# **S234io** Serial Port Sharer

- ◆ **One Master to Three Slave port**
- ◆ **Support Ground isolated RS232 master port.**
- ◆ **Support Ground isolated RS422/485 slave port.**
- ◆ **Powerful and Flexible.**



- ★ Any data from master port A will be sent to slave port B, C, D simultaneously.
- ★ Any data from slave port B, C, D will be sent to master port A only.
- ★ Support ground isolated feature between external device and S234io box.
- ★ Support **double ground isolated feature** between any external devices.
- ★ Support Auto-Data-Direction-Control feature in RS485 port.

## **S234io Specification :**

### **Serial Port interface:**

- \*Connector type: DB9 male connector.
- \*interface type: isolated RS232 in master port A.  
isolated RS422/485 in slave port B,C,D.
- \*Number of ports: 4 (port A, B, C, D)

**NOTE: RS422 or RS485 interface type set by DIP switch.**

**NOTE: each port with 5 signal pin**

**TX+ , TX- , RX+ , RX- , isolated GND**

**NOTE: In RS485 interface type support Auto-Data-Direction-Control feature. short TX+ and RX+ as DATA+. short TX- and RX- as DATA- signal.**

### **Power input:**

- \*UP110/UP220 US/EU type power adaptor
- \*100--240 VAC input.
- \*5VDC 1000mA output.
- \*Current consumption: 400mA @ 5VDC.

### **LED indicator:**

- \*PWR: DC power input ON indicator.
- \*ATRX: serial port A TXD/RXD signal activity.
- \*BTRX: serial port B TXD/RXD signal activity.
- \*CTRX: serial port C TXD/RXD signal activity.
- \*DTRX: serial port D TXD/RXD signal activity.

### **Dimension :**

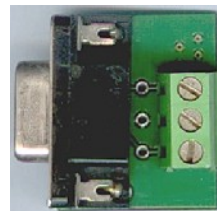
- \*S234io box: 90mm (W) \* 150mm (L) \* 27mm(H)

### **Environment :**

- \*operating temperature: 0°C to 55°C.
- \*operating humidity: 10% to 95% RH.
- \*storage temperature: 0°C to 65°C.
- \*storage humidity: 5% to 95% RH.

## **Accessories :**

**TB485 : DB9 Female to RS485 terminal block kit.**



## **Other series product:**

- S432io box is ISO RS422/485 master port and 3 ISO RS232 slave ports.
- S434io box is ISO RS422/485 master port and 3 ISO RS422/485 slave ports.
- S232io box is ISO RS232 master port and 3 ISO RS232 slave ports.

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