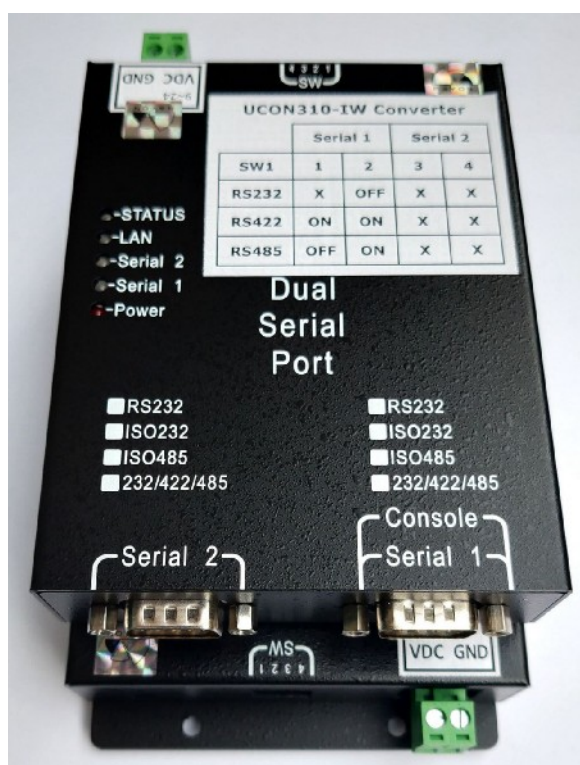


# UCON310-IW

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



- ★ Support data transmission LED display for each port
- ★ Support one Universal RS232/422/485 input to **Ground Isolated** RS232 interface converter.
- ★ Safety in RS232 application environment.
- ★ Easy to set as **RS232 to GROUND isolated RS232 isolator.**
- ★ Easy to set as **RS422 to isolated RS232 interface converter.**
- ★ Easy to set as **RS485 to isolated RS232 interface converter.**
- ★ Support Auto Data Direction Control in RS485 interface

## **UCON310-IW 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 input from VDC terminal block.*

*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. User can use TB485 module to exchange DB9 connector to 3 pin terminal block connector.*

### **Serial2 interface:**

- ◆ Connector type: DB9 male connector.
- ◆ Ground isolated RS232.

*NOTE: Serial2 port is isolated signal ground with VDC terminal block power input.*

### **Power input :**

- ◆ 9—26VDC terminal block.
- ◆ Current consumption: 150mA.

### **LED indicator :**

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

### **Dimension :**

- ◆ UCON310-IWbox:  
92mm (W) \* 118mm (L) \* 27mm(H)

### **Environment :**

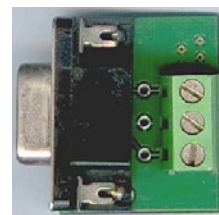
- ◆ operating temperature: 0°C to 55°C
- ◆ operating humidity : 0% to 95% RH.
- ◆ storage temperature : 0°C to 65°C .
- ◆ storage humidity : 5% to 95% RH.

### **Application :**

RS232 to Ground isolated RS232 isolator.  
RS485 to GROUND isolated RS232 interface converter.  
RS422 to GROUND isolated RS232 interface converter.

## **Accessories :**

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



## **Performance upgrade capability and relative products.**

- ▲ TWIN485 box: two sets ground isolated RS232 to RS422/485 converter.
- ▲ ULOG310-I box: monitored universal RS232/RS422/RS485 to GROUND isolated RS232 interface converter via USB connection.

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### **RAYON TECHNOLOGY CO., LTD.**

2F, No. 177, Chung\_Shan 2 Rd., Lu\_Chou, New Taipei city, Taiwan, R.O.C.

TEL: 886-2-82858362 FAX: 886-2-82857065

E-Mail: [rayon@ms1.hinet.net](mailto:rayon@ms1.hinet.net) or [info@rayontech.com.tw](mailto:info@rayontech.com.tw)

WEB: <http://www.rayontech.com.tw>