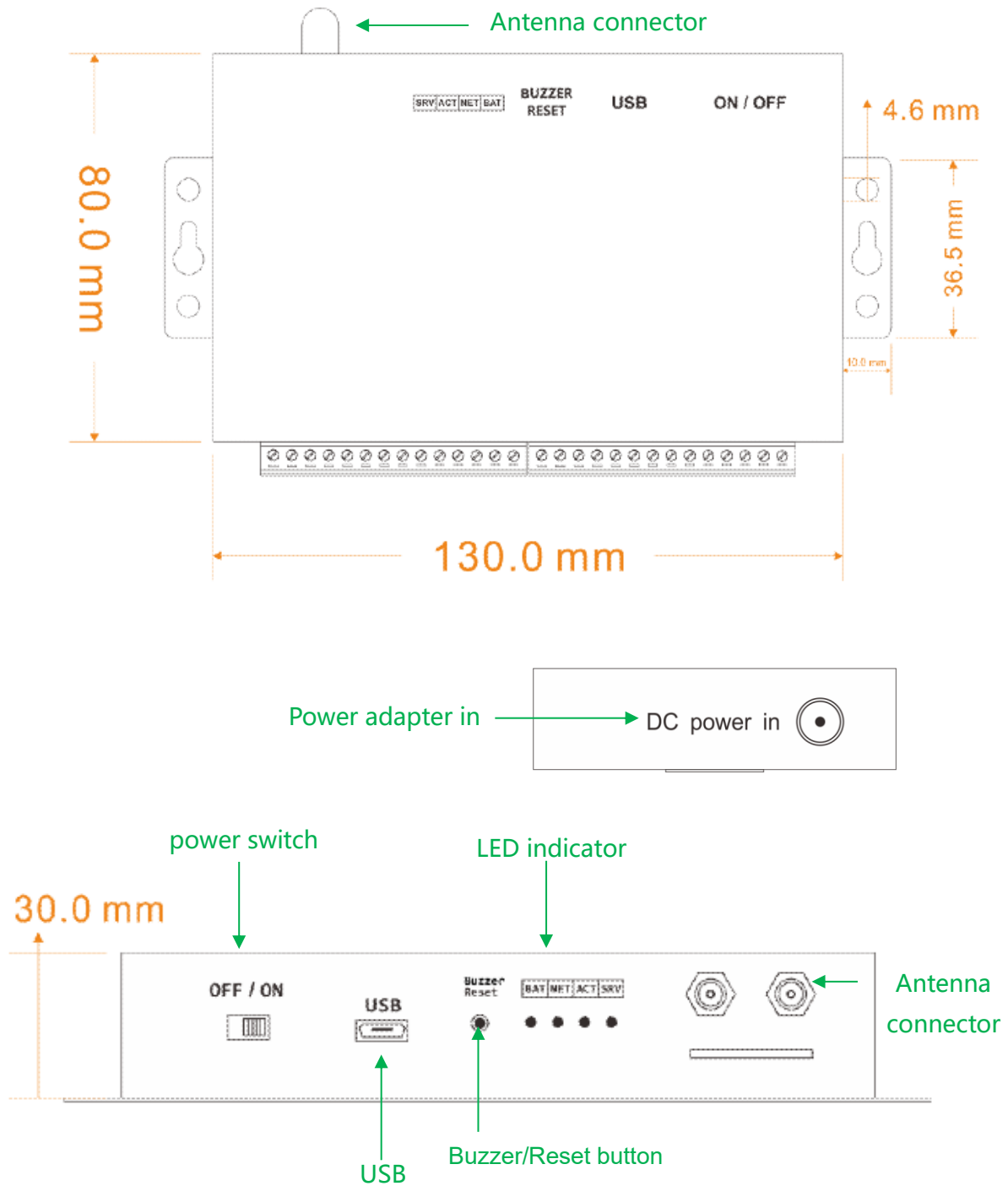


# **CWT-S12**

## **Modbus IO module**

## **Hardware Manual**

## 1 Size



## 2 Hardware Description

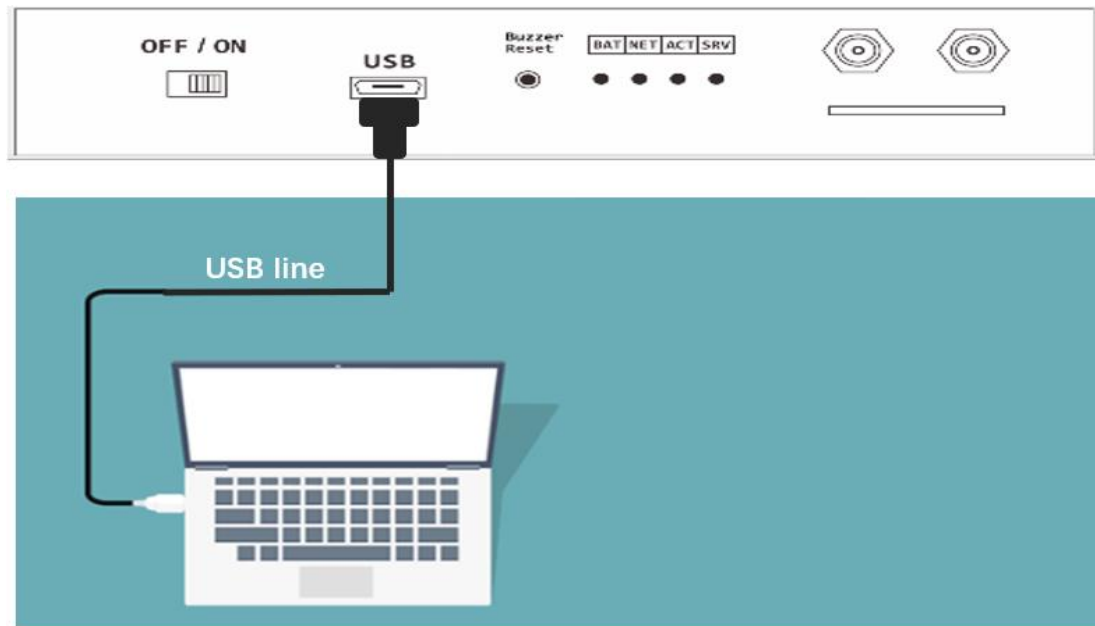
### 2.1 DC power in (DC power jack socket)



Connector specification: 5.5\*2.5mm (5.5mm inside diameter, 2.5mm central pin)

### 2.2 USB Port

configuration parameters



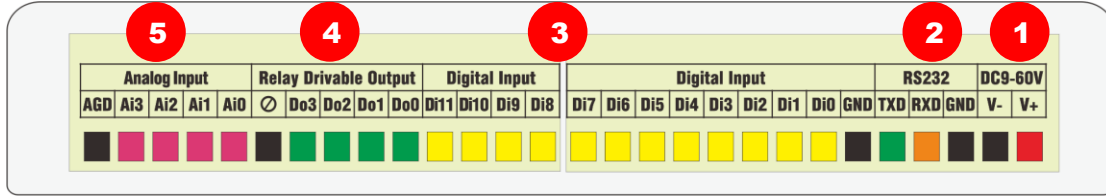
### 2.3 LED indicator description

Indicator	Status	means
BAT (Green)	reserve	reserve
NET (Red)	reserve	reserve
ACT (Yellow)	reserve	reserve
SRV (Orange)	On	Starting
	Off	Starting complete

## 2.4 Buzzer Reset button

Press it to clear the buzzer sound when alert

## 2.5 Wiring terminal



Terminal specification: 14pin \* 3.81mm

### ① DC9-28V (Power in or out)

V+ and V- as DC9-28V power in

in this case, do not input DC power from the right side "DC power in" connector

V+ and V- as power out for exterior device (like sensor etc.)

In this case, need to input DC power from the right side "DC power in" connector.

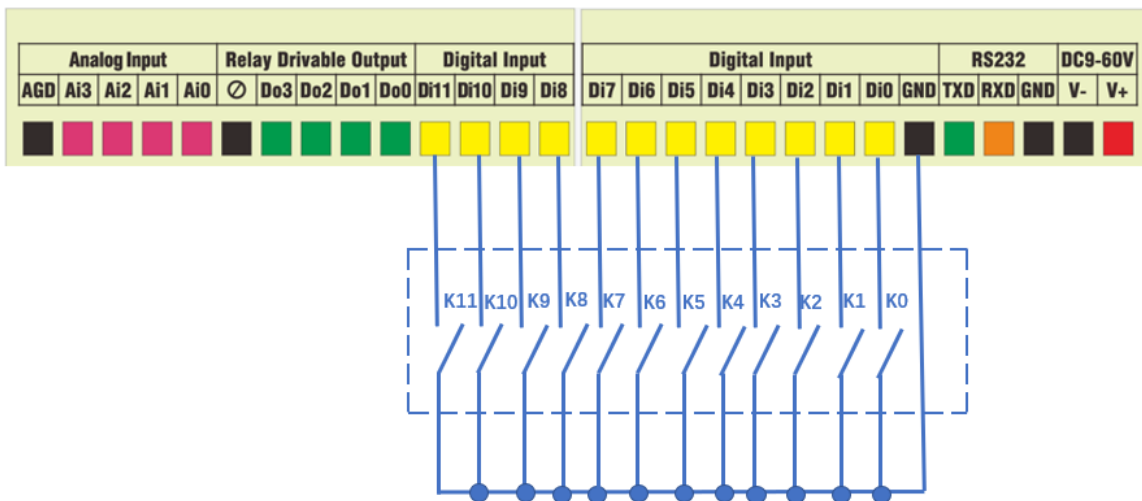
the output voltage is equal to the power supply voltage.

### ② RS232

It's a spare configuration port

### ③ 12 Digital Inputs

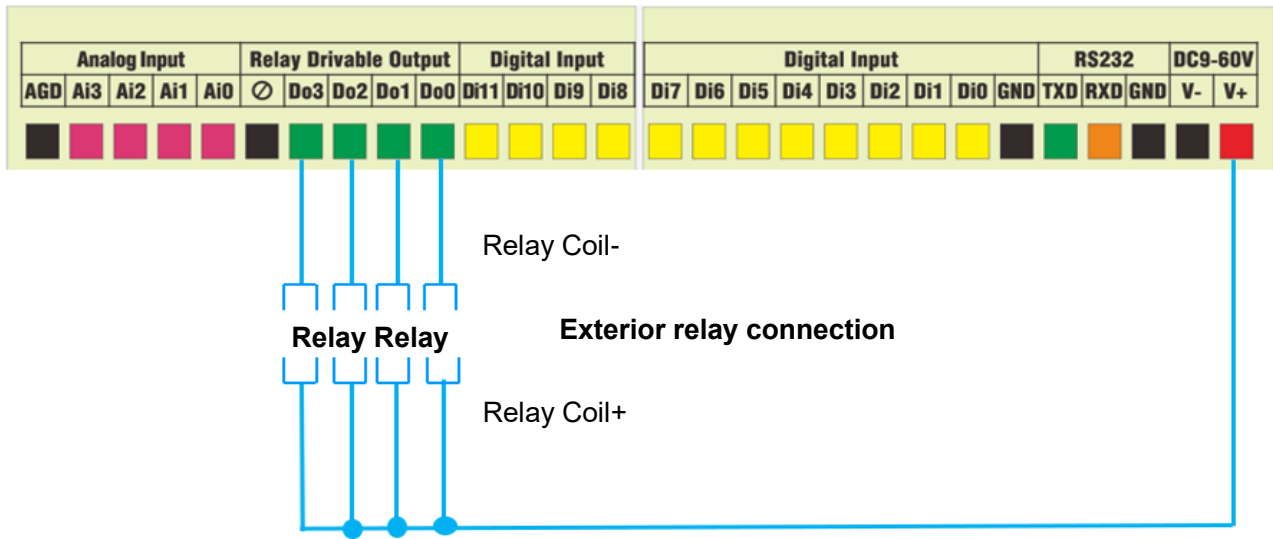
dry contact trigger



#### ④ 4 Relay Drivable Output

Type: open-collector output (transistor output)

Output drive voltage=power supply DC voltage, drive current  $\leq 500\text{mA}$



#### ⑤ 4 Analog Inputs

Type: 4 ~ 20mA <default>

