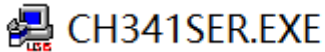


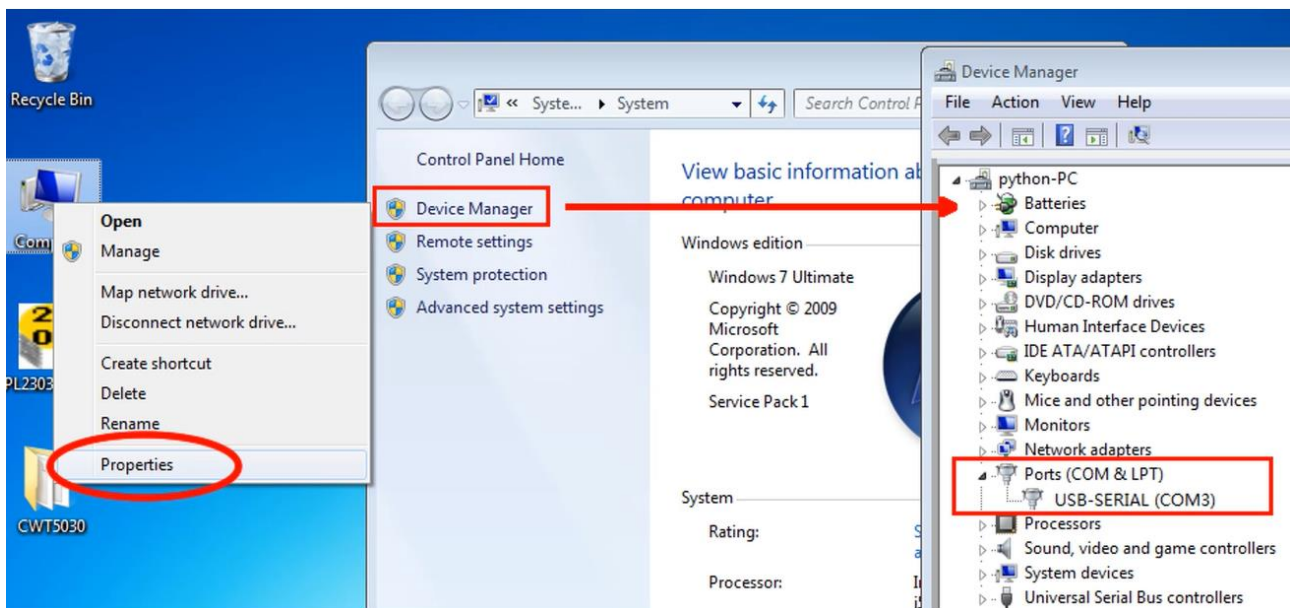
# CWT Wi-Fi Modbus IO Module Config Guide

## 1 Install device USB driver



## 2 Connect device to PC via USB cable

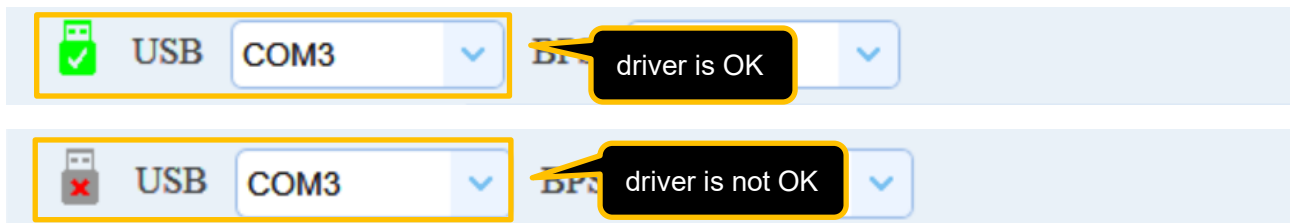
Check the com port in device manager



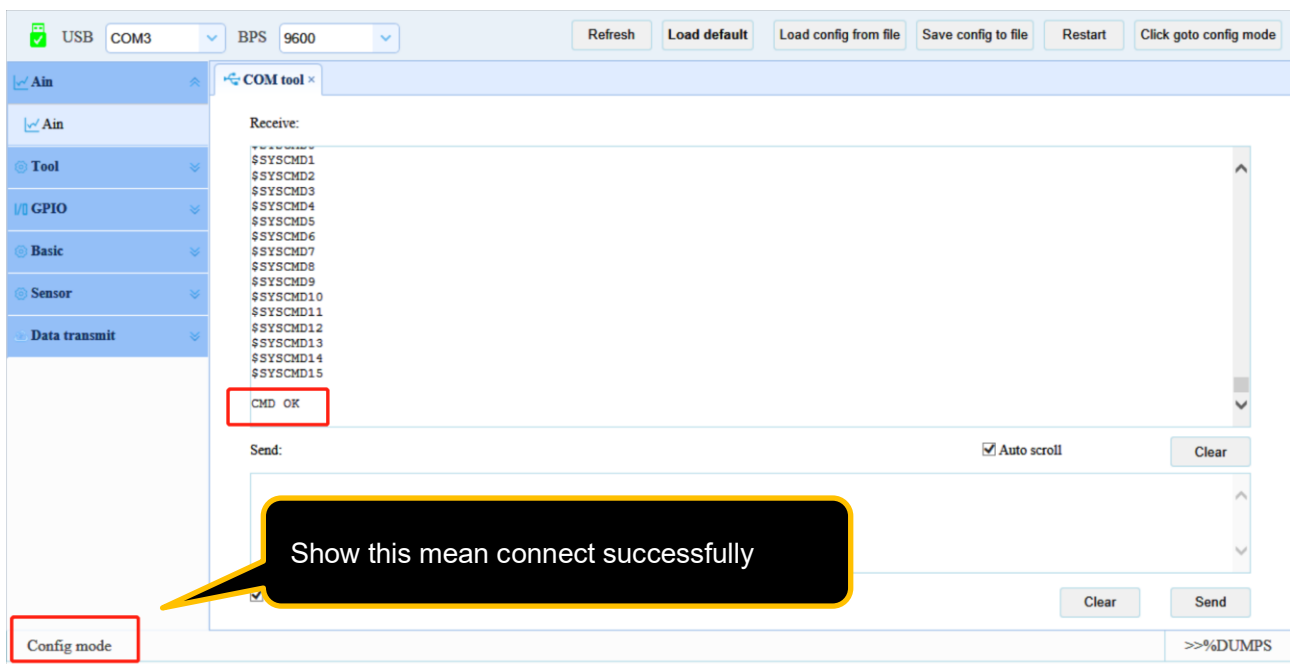
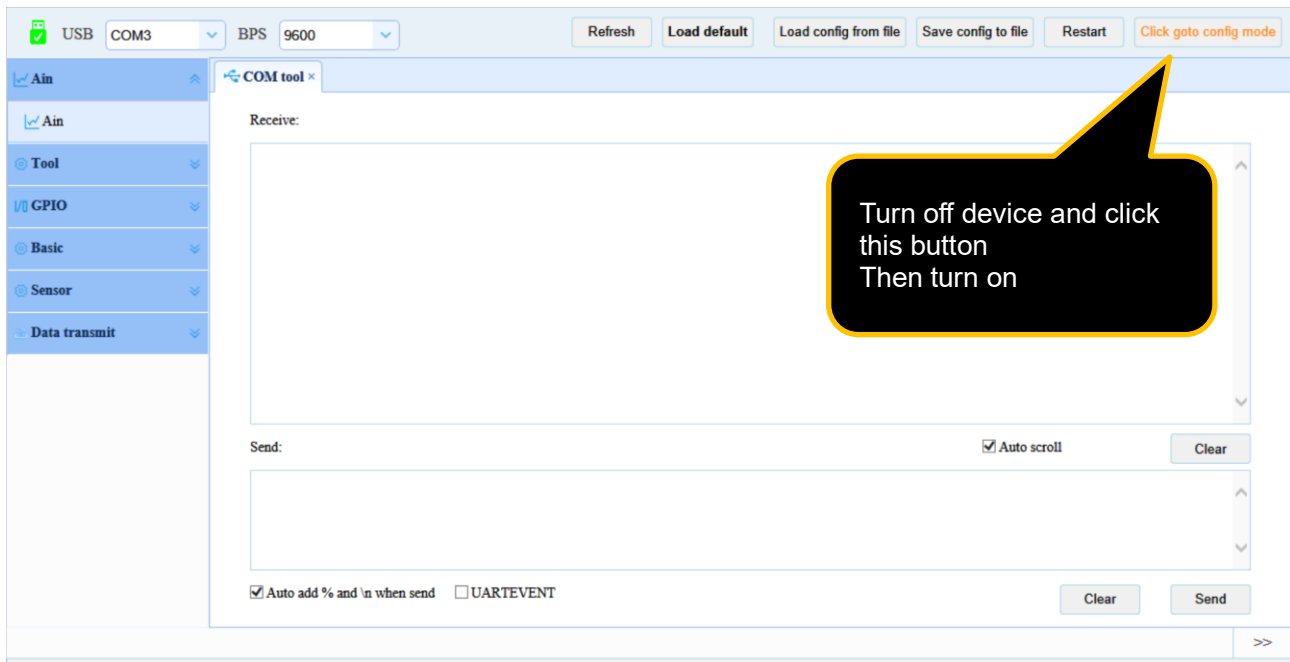
## 3 Connect device to config tool

Run config tool

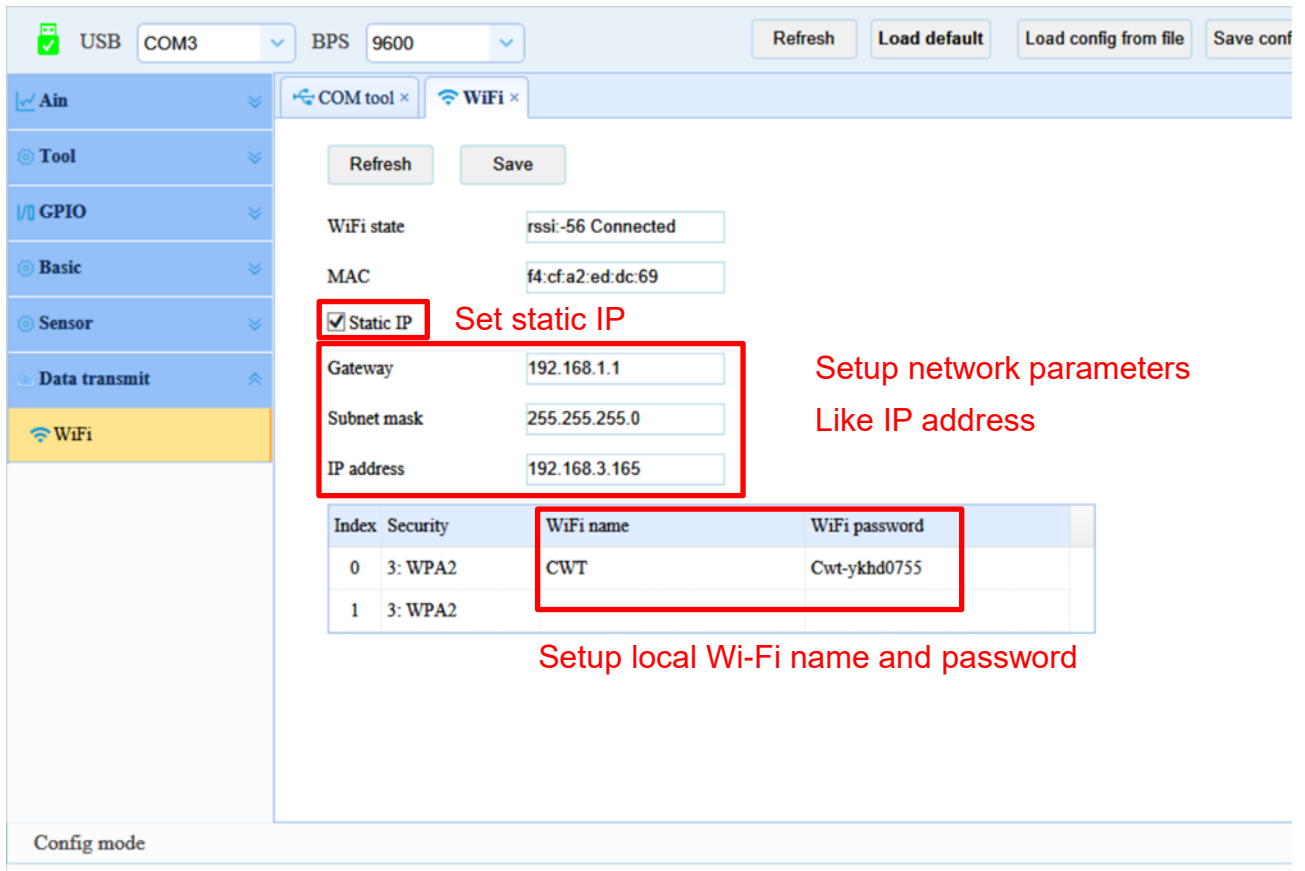
choose the correct com port and click the USB icon



## Go to setup mode



## 4 Set Wi-Fi



USB COM3 BPS 9600 Refresh Load default Load config from file Save conf

COM tool × WiFi ×

Refresh Save

WiFi state rssi:-56 Connected

MAC f4:cf:a2:ed:dc:69

☒ Static IP Set static IP

Gateway 192.168.1.1 Setup network parameters  
Like IP address

Subnet mask 255.255.255.0

IP address 192.168.3.165

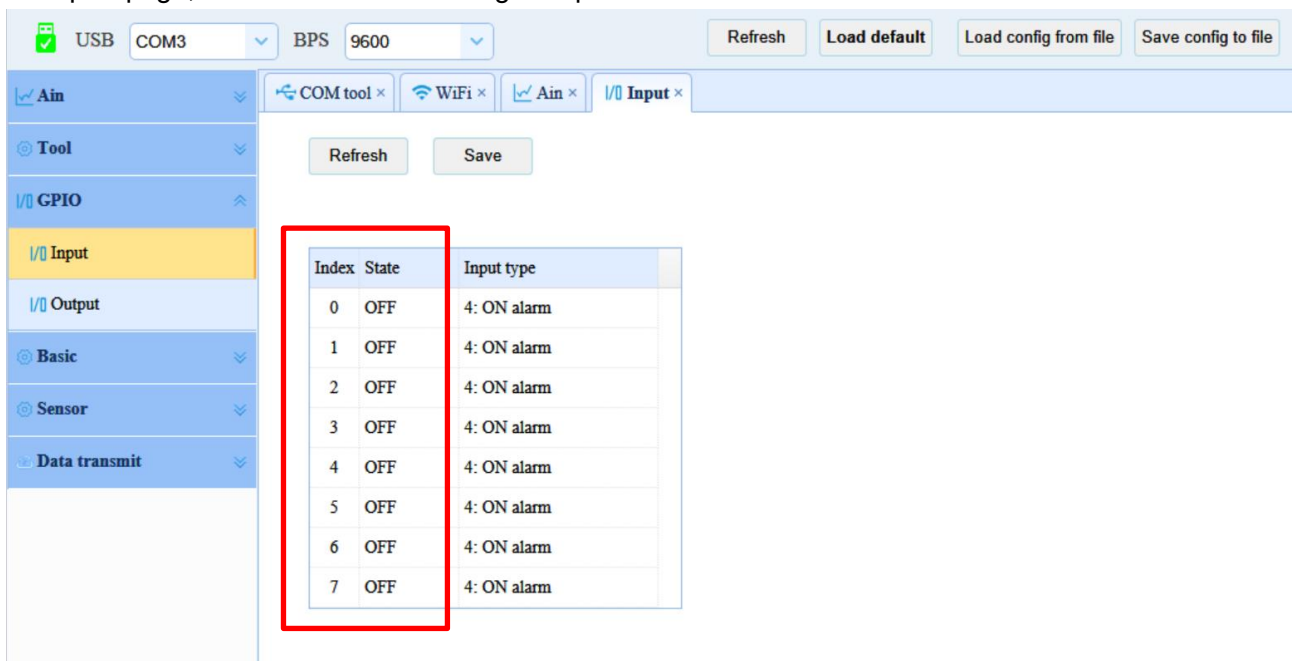
Index	Security	WiFi name	WiFi password
0	3: WPA2	CWT	Cwt-ykhd0755
1	3: WPA2		

Setup local Wi-Fi name and password

Config mode

## Restart Modbus io module after setup

In "Input" page, click refresh to check digital input state



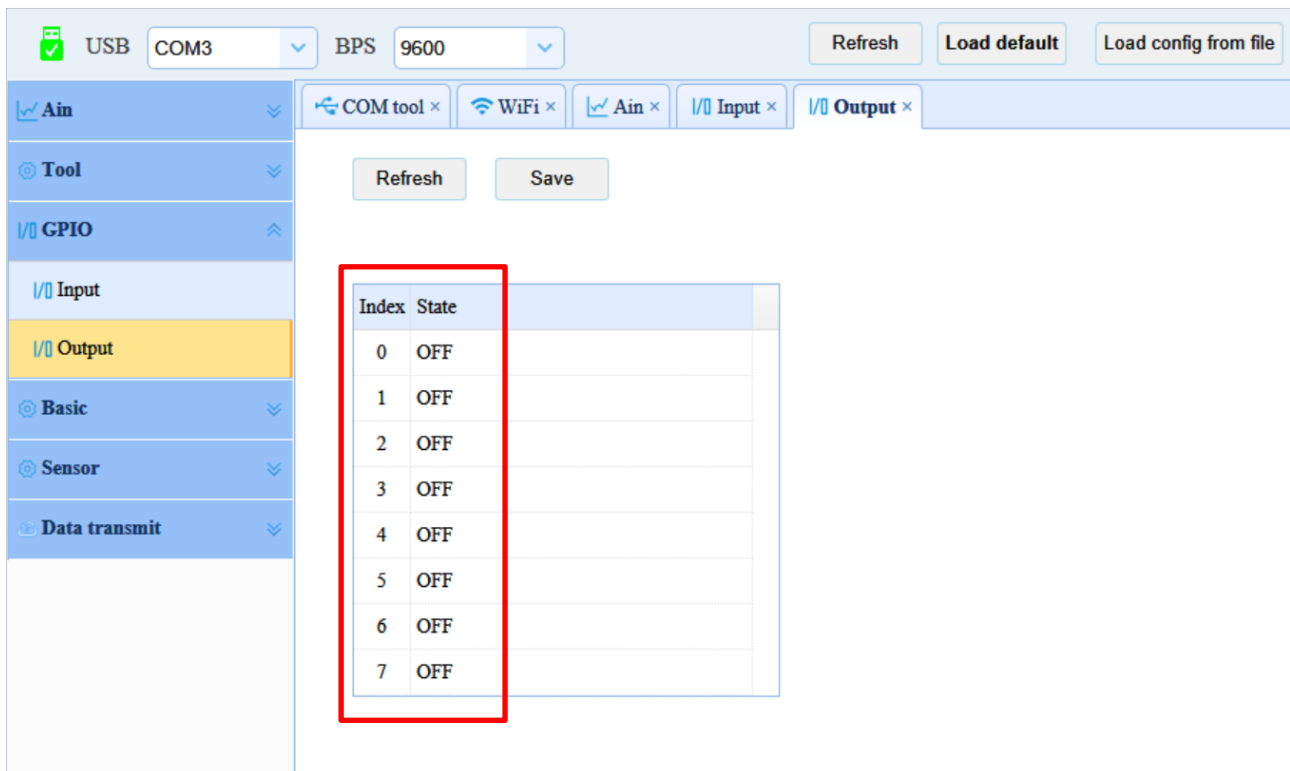
USB COM3 BPS 9600 Refresh Load default Load config from file Save config to file

COM tool × WiFi × Ain × Input ×

Refresh Save

Index	State	Input type
0	OFF	4: ON alarm
1	OFF	4: ON alarm
2	OFF	4: ON alarm
3	OFF	4: ON alarm
4	OFF	4: ON alarm
5	OFF	4: ON alarm
6	OFF	4: ON alarm
7	OFF	4: ON alarm

In “output” page, click refresh to check digital output state



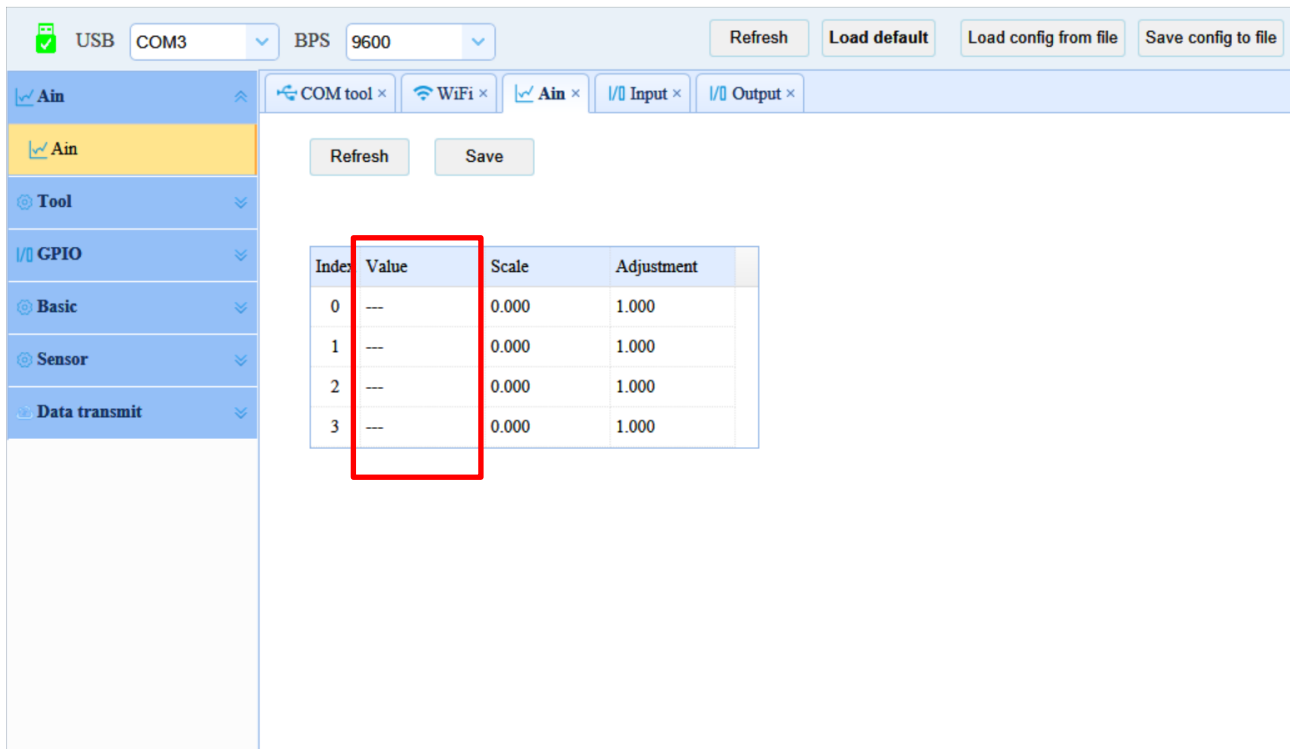
USB COM3 BPS 9600 Refresh Load default Load config from file

COM tool × WiFi × Ain × I/O Input × I/O Output ×

Refresh Save

Index	State
0	OFF
1	OFF
2	OFF
3	OFF
4	OFF
5	OFF
6	OFF
7	OFF

In “Ain” page, click refresh to check analog input value



USB COM3 BPS 9600 Refresh Load default Load config from file Save config to file

COM tool × WiFi × Ain × I/O Input × I/O Output ×

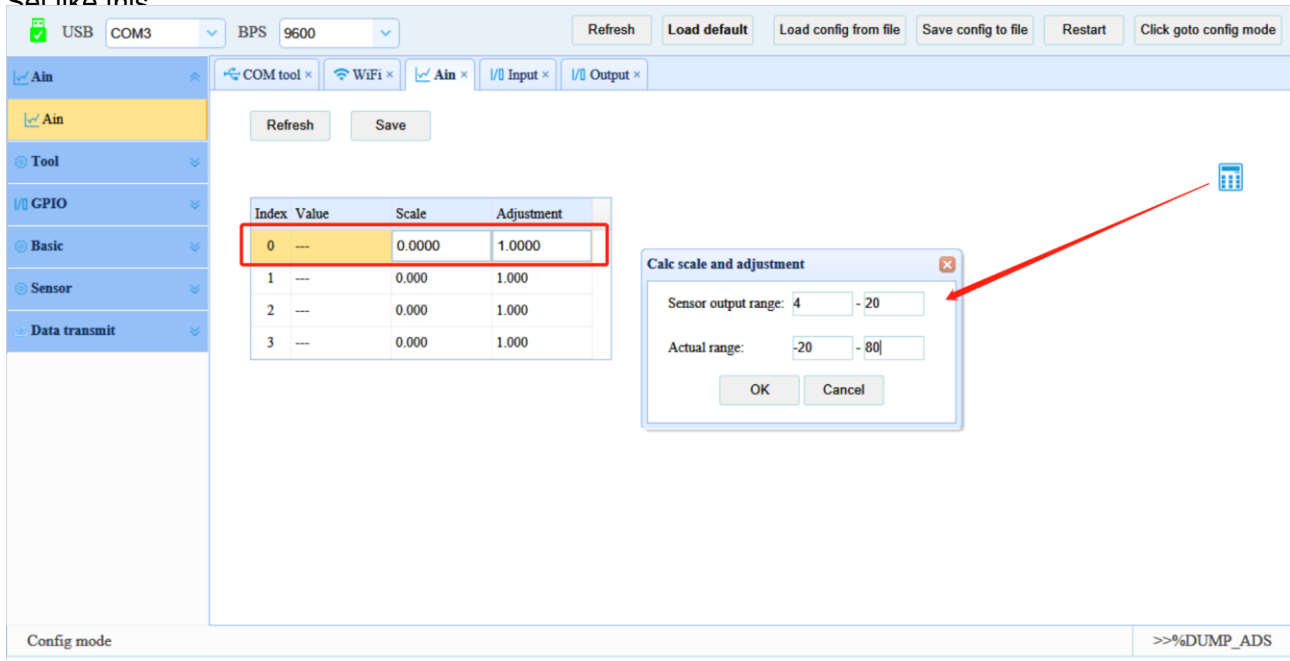
Refresh Save

Index	Value	Scale	Adjustment
0	---	0.000	1.000
1	---	0.000	1.000
2	---	0.000	1.000
3	---	0.000	1.000

converter 4-20mA to actual measure value

for example, Ai0 connects a temperature sensor, measuring range is -20°C-80°C, correspond to 4-20 mA.

Set like this



The screenshot shows the 'Ain' configuration page with a table of input channels. A red box highlights the first row (Index 0) where the 'Value' is '---', 'Scale' is '0.0000', and 'Adjustment' is '1.0000'. A red arrow points from the 'Calc scale and adjustment' dialog box to the 'Sensor output range' field, which is set to '4 - 20'.

Index	Value	Scale	Adjustment
0	---	0.0000	1.0000
1	---	0.000	1.000
2	---	0.000	1.000
3	---	0.000	1.000

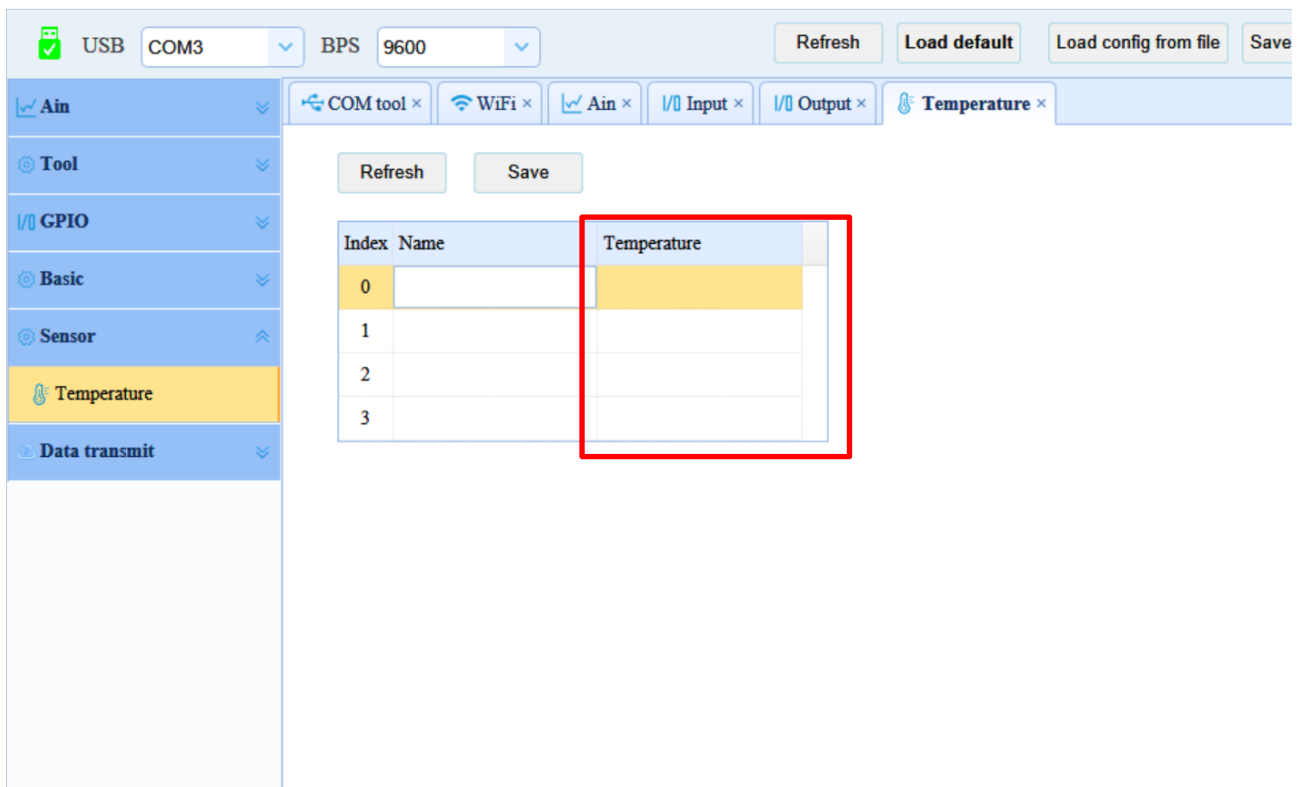
Calc scale and adjustment

Sensor output range: 4 - 20

Actual range: -20 - 80

OK Cancel

In "temperature" page, click refresh to check temperature input value



The screenshot shows the 'Temperature' configuration page. A red box highlights the 'Temperature' column in the table, which is currently empty. The 'Index' column shows values 0, 1, 2, and 3.

Index	Name	Temperature
0		
1		
2		
3		