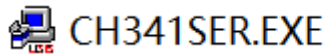


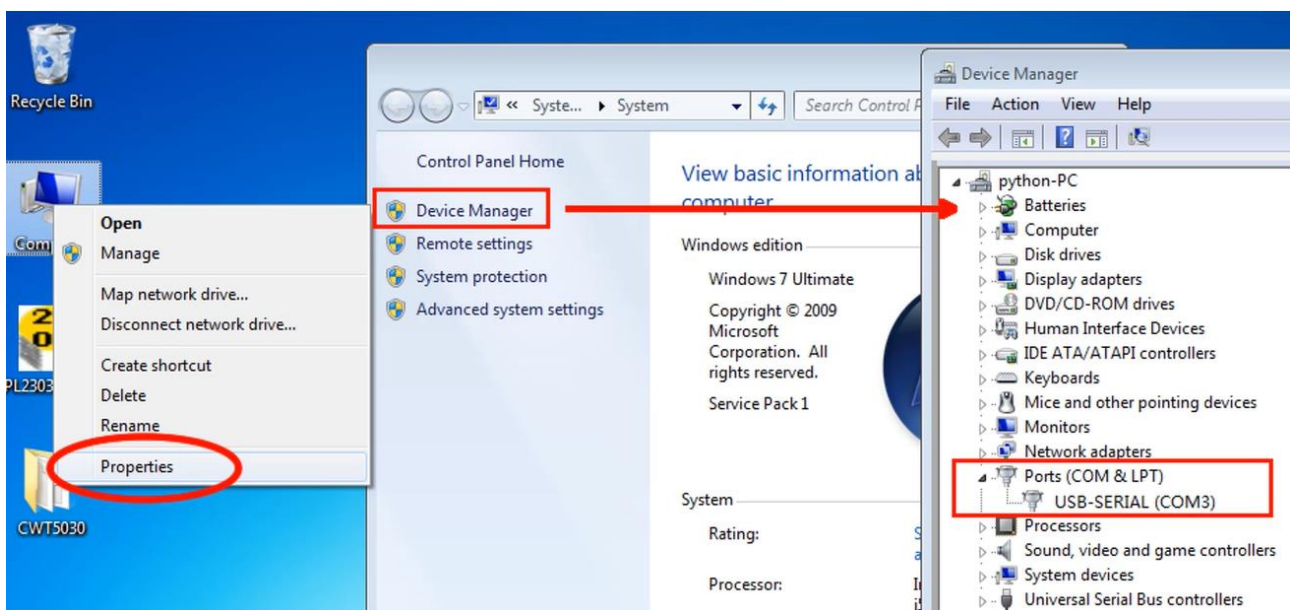
CWT 4G Modbus IO Module Config Guide

1 Install device USB driver



2 Connect device to PC via USB cable

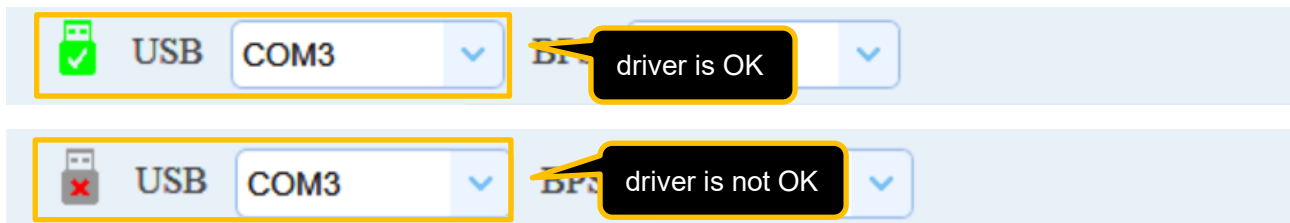
Check the com port in device manager



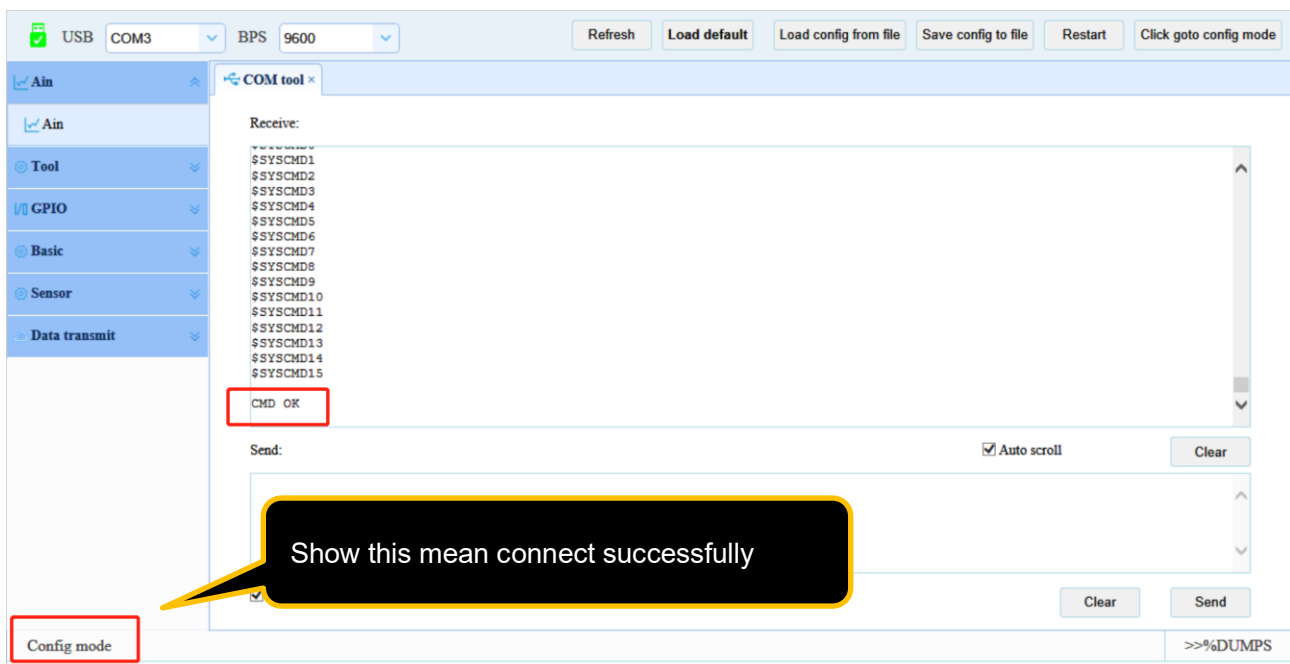
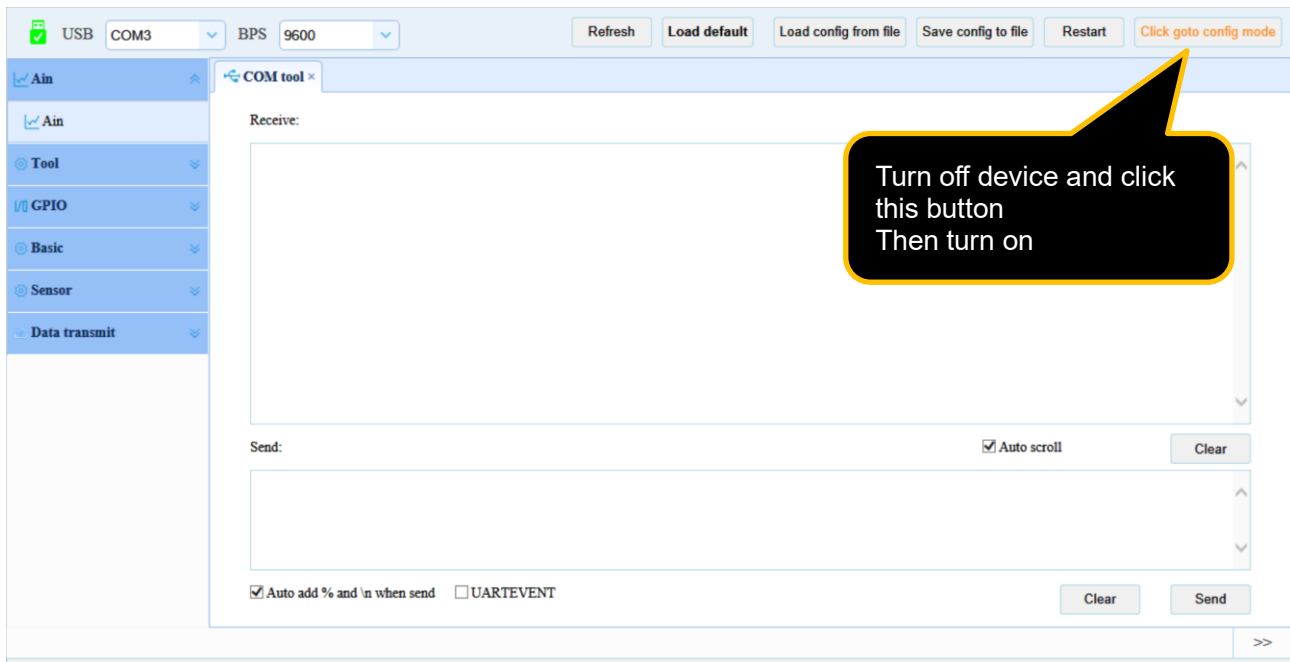
3 Connect device to config tool

Run config tool

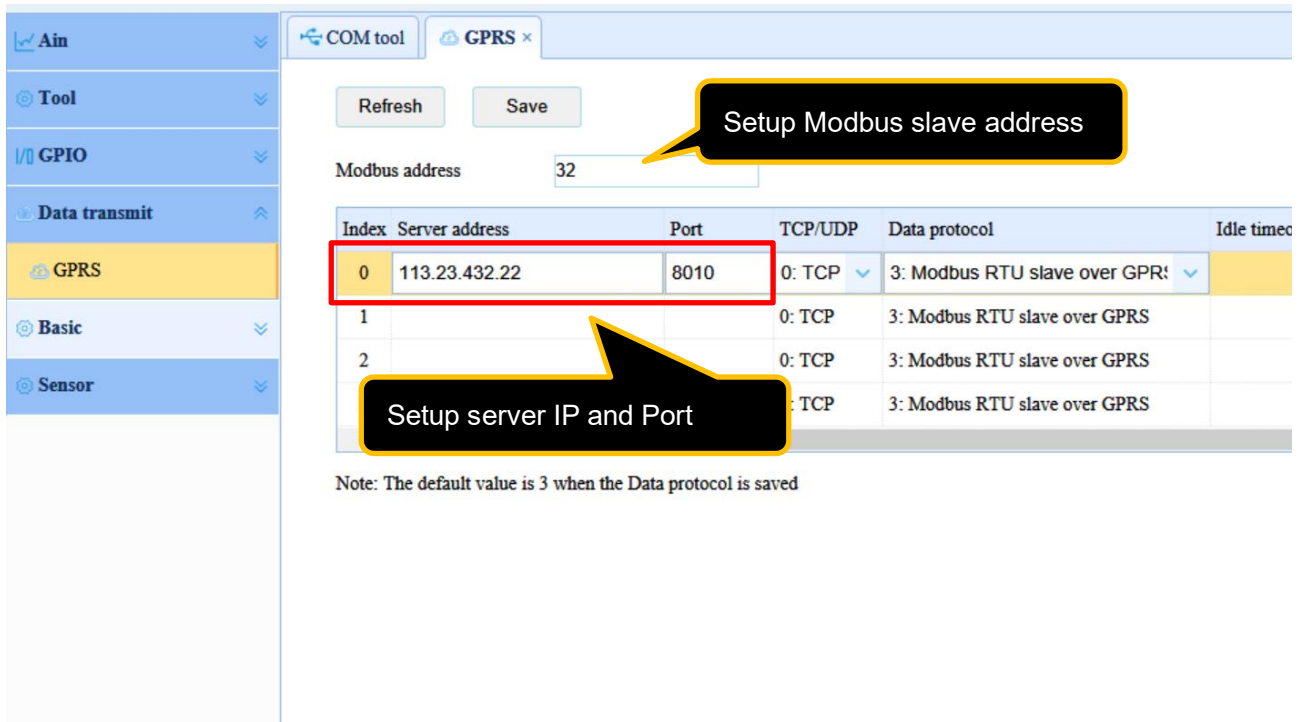
choose the correct com port and **click the USB icon**



Go to setup mode



4 Set 4G Parameters



Refresh Save

Modbus address 32

Setup Modbus slave address

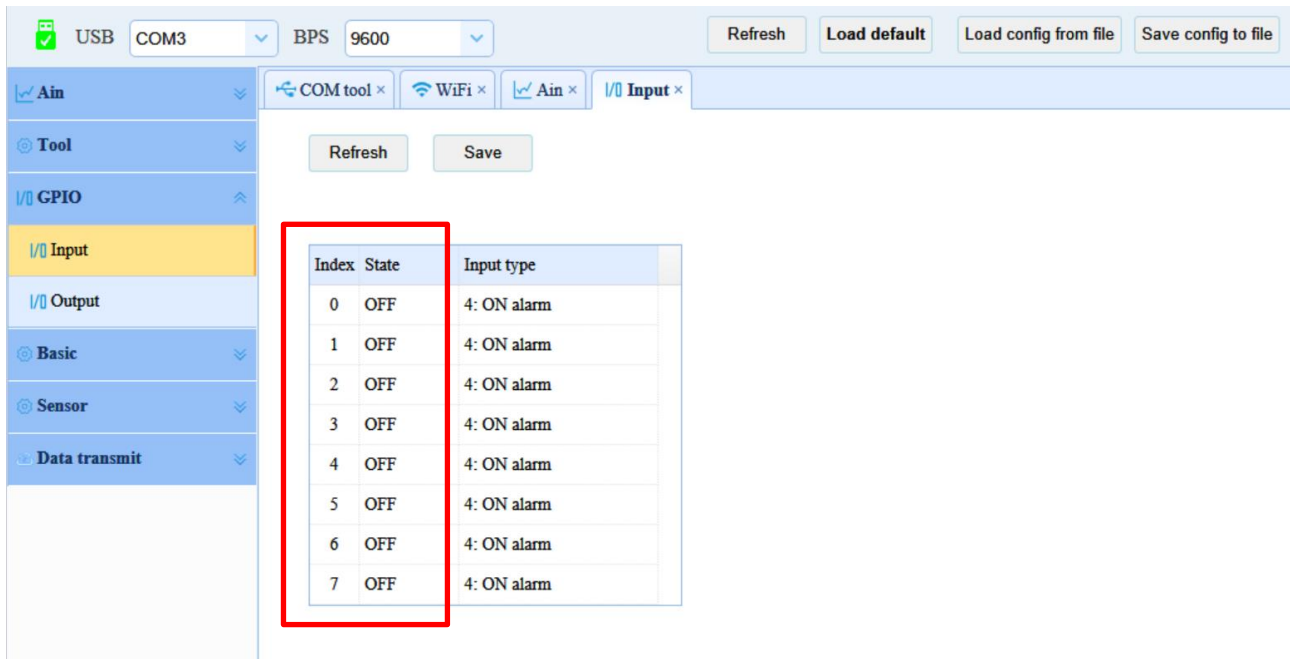
Index	Server address	Port	TCP/UDP	Data protocol	Idle time
0	113.23.432.22	8010	0: TCP	3: Modbus RTU slave over GPRS	
1			0: TCP	3: Modbus RTU slave over GPRS	
2			0: TCP	3: Modbus RTU slave over GPRS	
			0: TCP	3: Modbus RTU slave over GPRS	

Setup server IP and Port

Note: The default value is 3 when the Data protocol is saved

Restart Modbus io module after setup

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



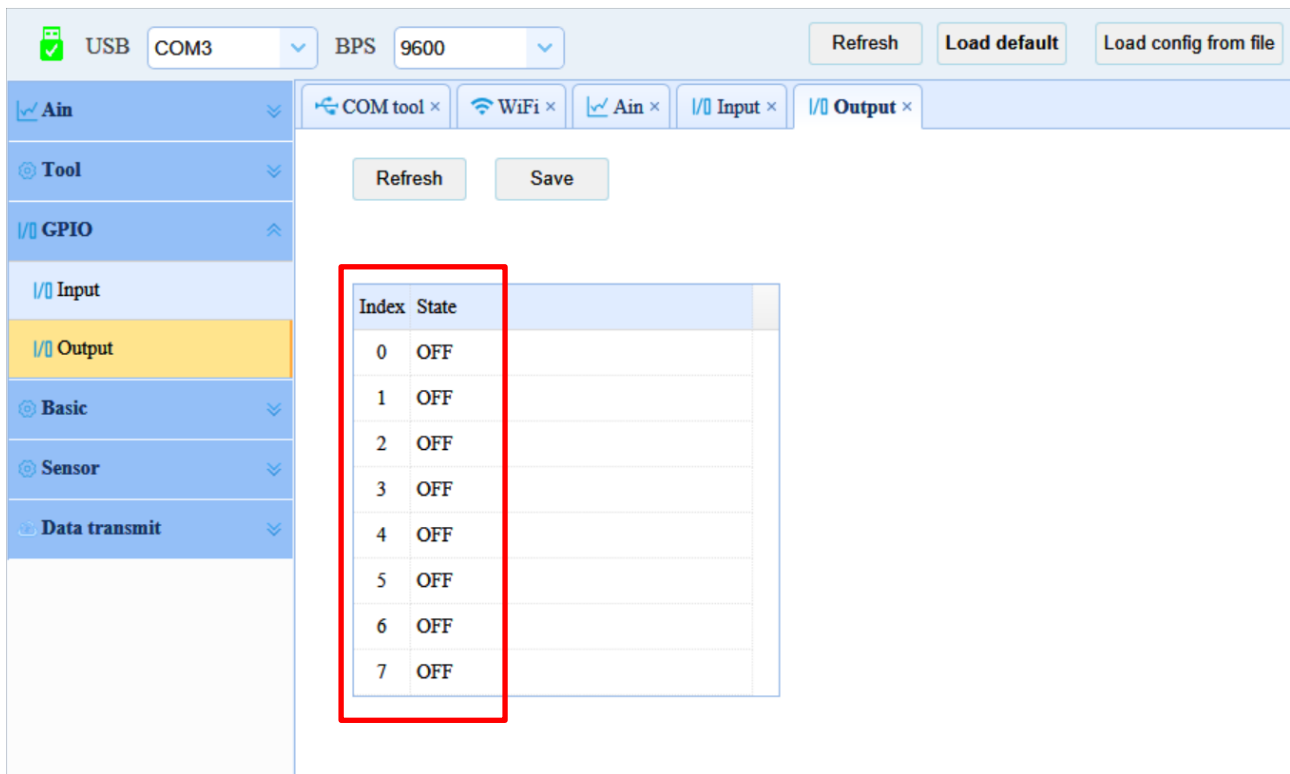
USB COM3 BPS 9600 Refresh Load default Load config from file Save config to file

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



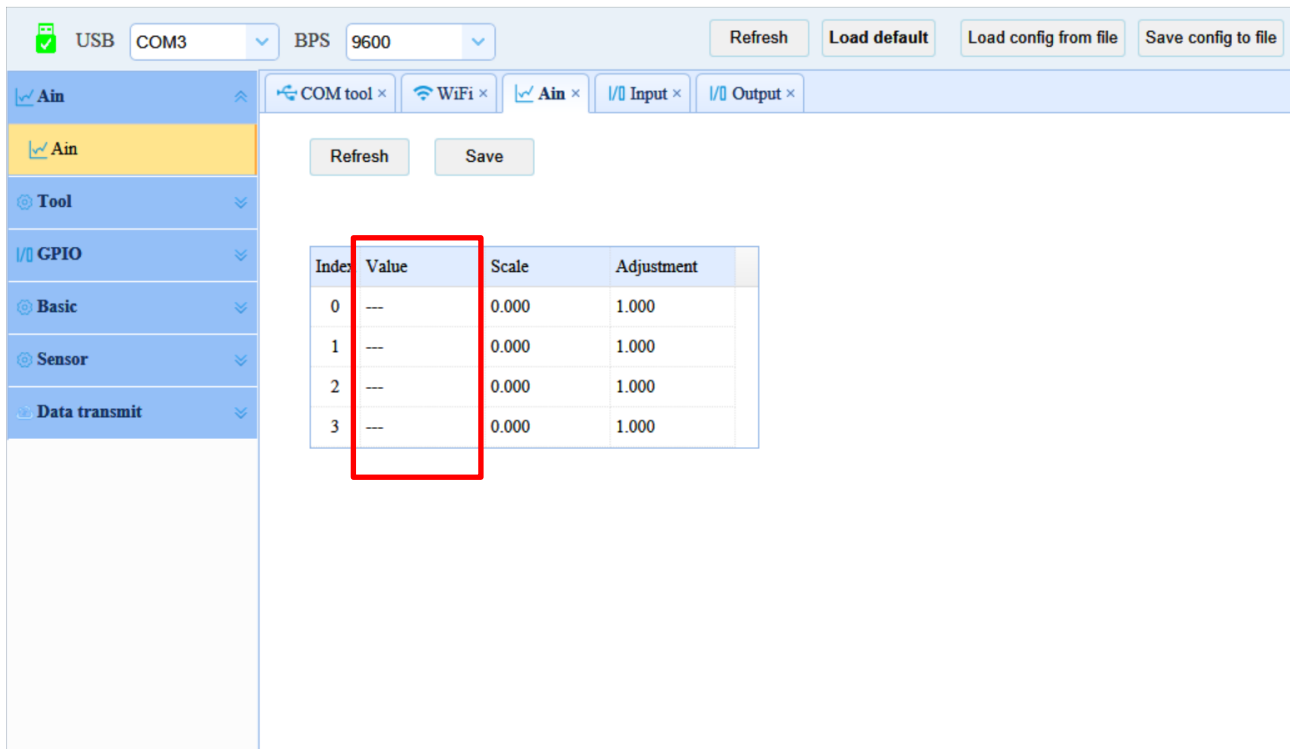
USB COM3 BPS 9600 Refresh Load default Load config from file

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

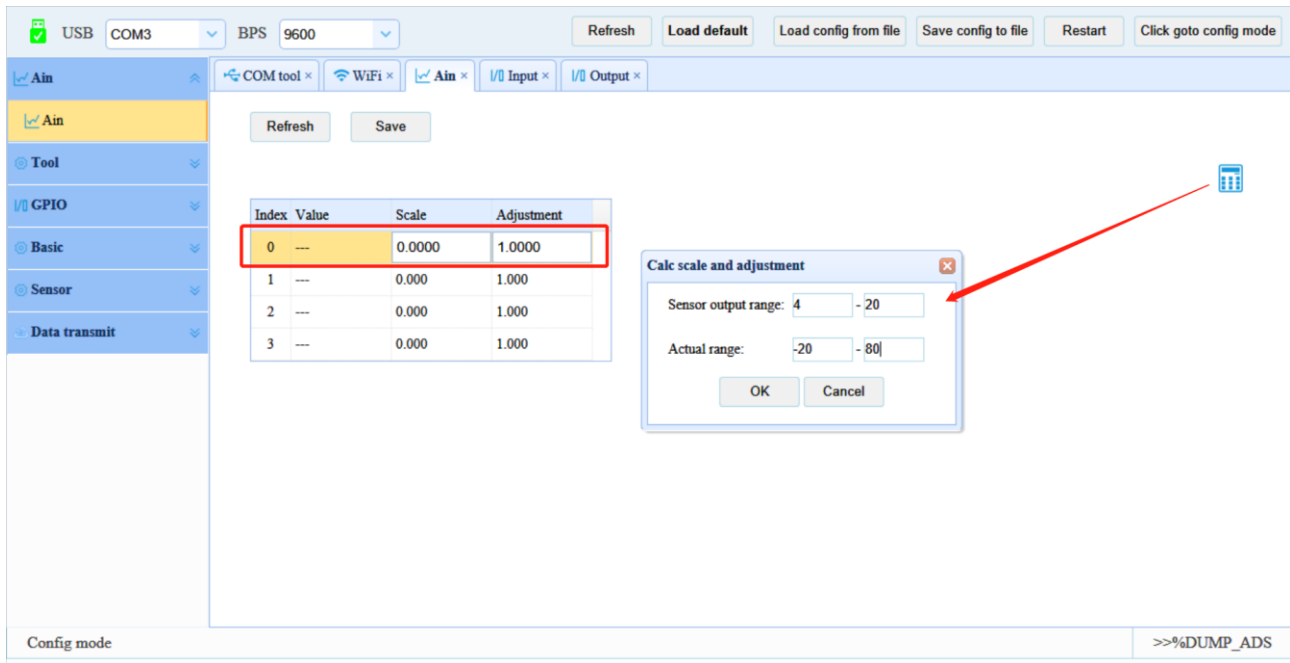
COM tool × WiFi × Ain × I/O Input × I/O Output ×

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



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

