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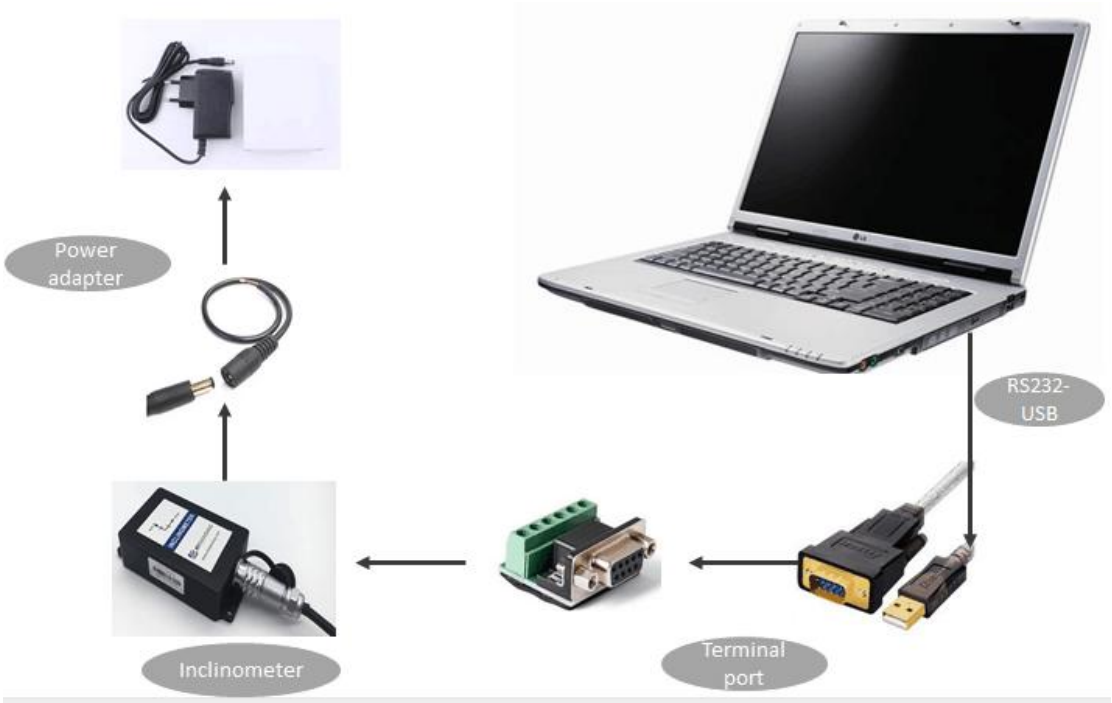
How to reset the analog output products?

Ⅰ.How to reset the measuring range

Taking BWL328-420-232 as an example, most of our analog products are reserved 232 output, and the sensor has a total of 11 cores. The red line is the VDD, the black line is the negative power supply and also the 232 serial GND, the yellow line is the 232 serial TXD output line, the green line is the 232 serial RXD signal line, the white line is the X-axis current output line, and the purple line is the Y-axis current output, gray is analog GND. The rest is reserved for internal debugging. It is generally cut off before delivery, with heat shrinkable tube protection isolation,so if you need reset the measuring range,connect RS232-USB-computer



(customer can choose the available components according to your real quest)

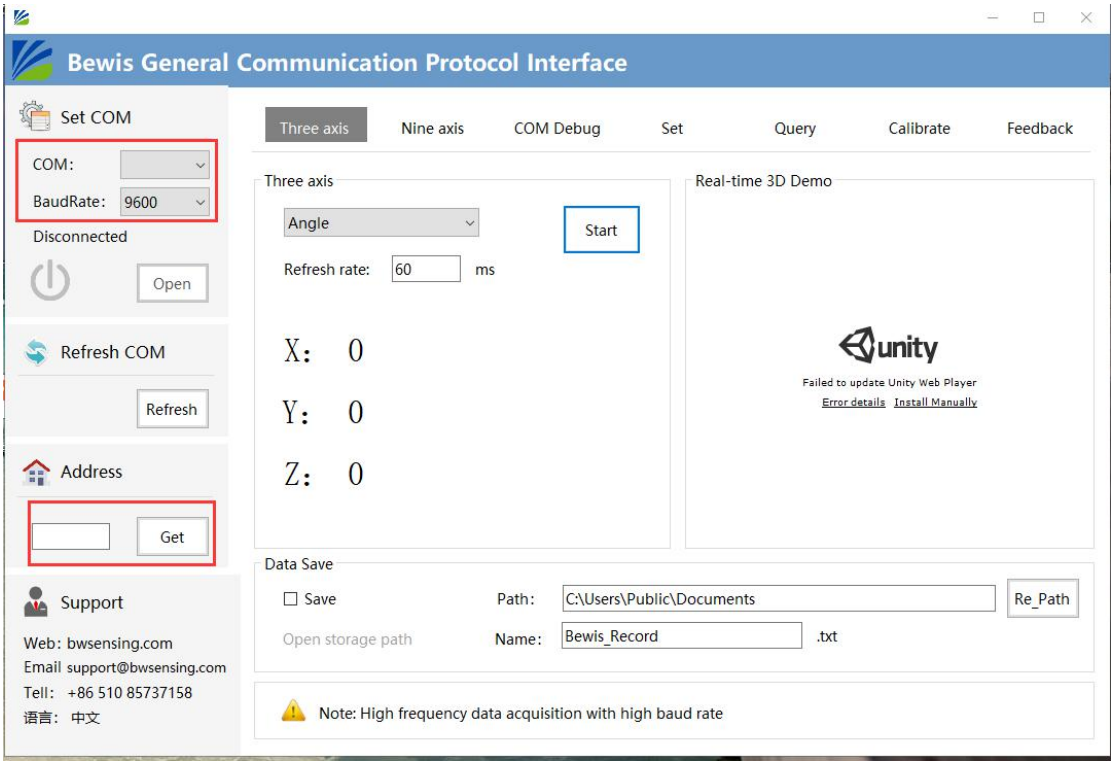
To connect to the computer, you need the USB to 232 adaptor and 9-35V DC power supply .

1. Connect the yellow wire (TXD) to the RXD terminal of the 232 serial port,
2. Connect the green wire RXD to the TXD terminal of the 232 serial port,
3. Connect the black wire to the 232 serial GND,
4. Connect the red wire to the VCC+
5. Connect the black wire to the VCC-

The black wire shares the VCC- and the 232 serial GND.

After confirming that the wiring is correct, open Bewis debug software and select the

correct COM port (the COM port corresponding to the 232 serial cable). The default baud rate of the sensor is 9600. After clicking, the device address 00 (sensor default address) will be automatically obtained .



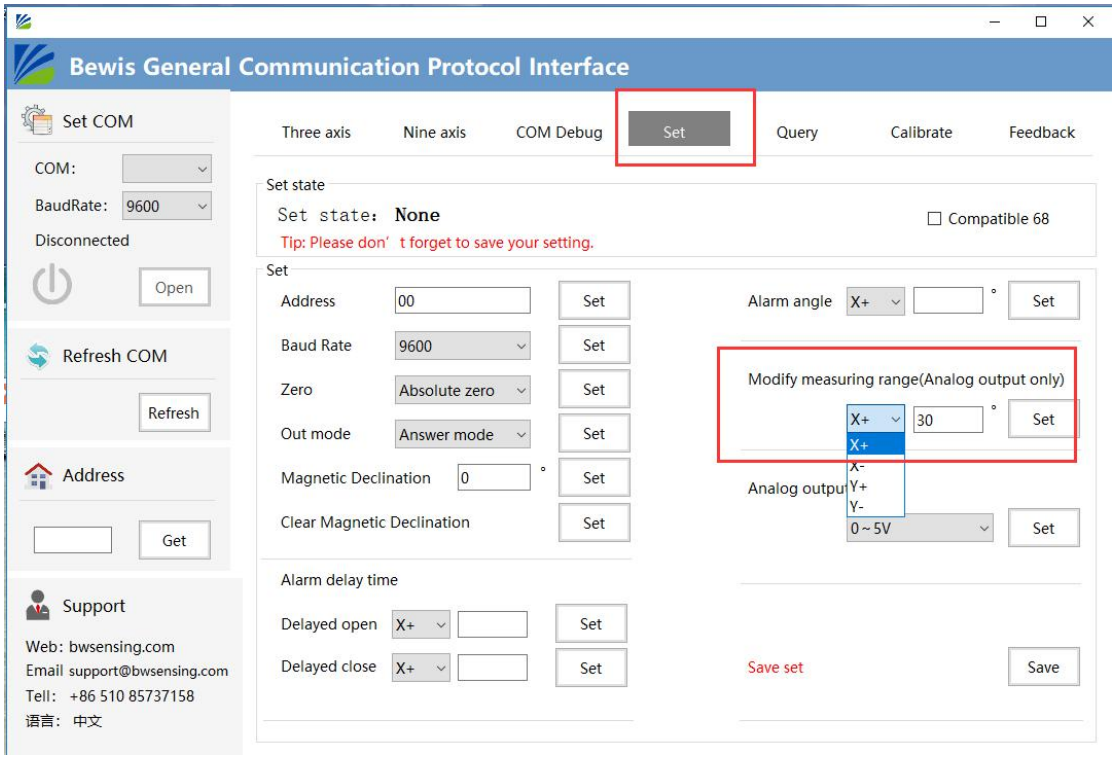
Click the"SET" to modify the range of the axis analog output

The default range of the sensor is±90 °,so -90 ° corresponds to a current of 4mA, and 90 ° corresponds to a current of 20mA.

For example, to set a range of ± 30 °, enter 30 in X +, click Set, enter 30 in X-, click Set. Finally, click Save. At this time, the current corresponding output is 4ma when the sensor is -30 °, and 20ma when the sensor is 30 °.

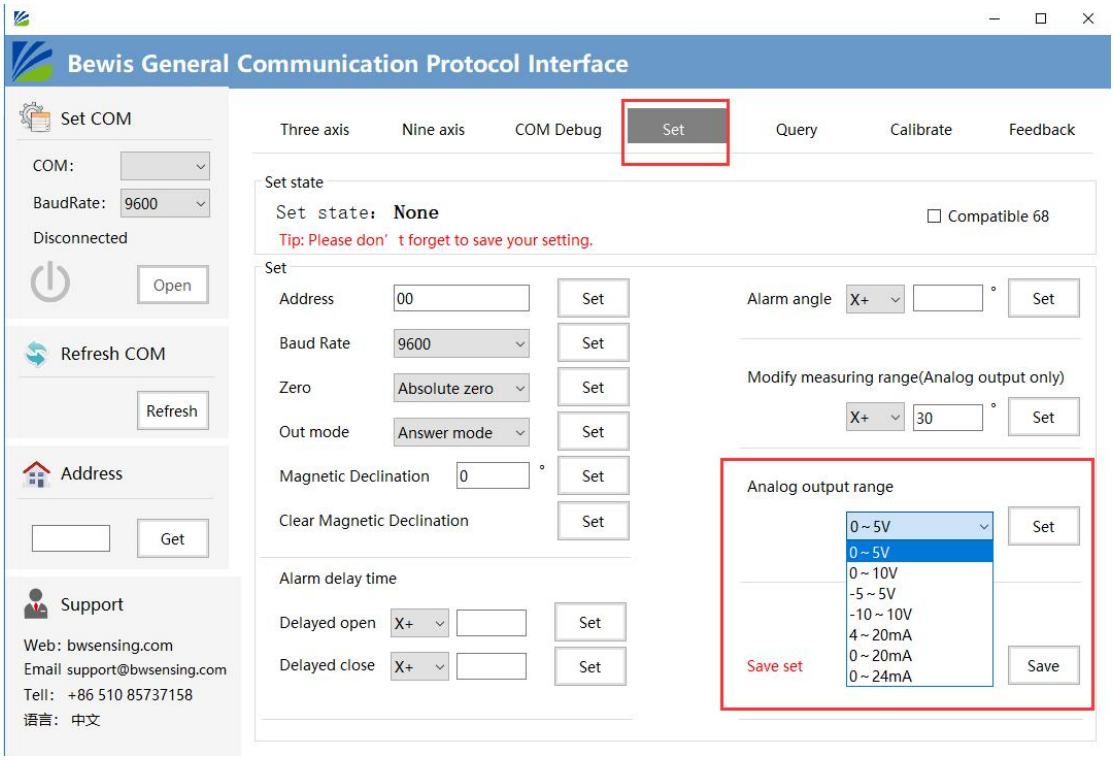
Finally, you can check whether the upper and lower limits of the axis analog output are set successfully in the "Query ".

Note: When setting the X-angle, you do not need to fill in the symbol. After setting the parameters, click "Save"



II How to reset the Analog Output

(Only applicable to the same output mode convert，such as 4-20mA——0-20mA. 0-5V——0-10V）



In the same way, after correctly connecting the Bewis debug software to obtain the device address, click on the “set”, as shown in the figure, there are several options in the analog output range, select an output range to be modified, click settings, and finally click save.

Note: Because the corresponding lines of the analog voltage and current output methods are different, taking BWL328-420-232 as an example, the brown orange line of the voltage output will be cut off at the factory, so after modifying the analog output range, customer also need to strip the line