

## SZ2130

### Soil moisture temperature sensor

#### User Manual

File Version: V23.6.19

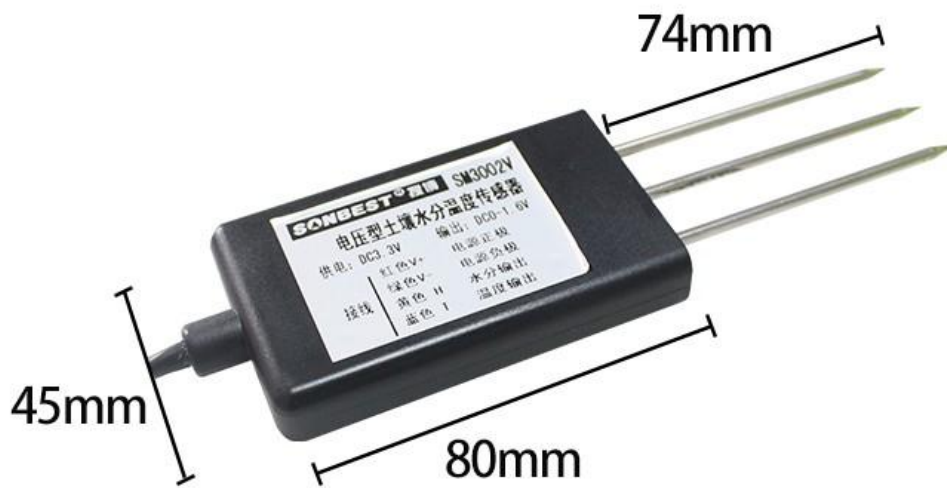


SZ2130 using the standard ZIGBEE Wireless Communication Interface, easy access to PLC, DCS and other instruments or systems for monitoring soil Moisture state quantities. The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability, can be customized RS232, RS485, CAN, 4-20mA, DC0~5V/10V, ZIGBEE, Lora, WIFI, GPRS and other output methods.

**Technical Parameters**

Technical parameter	Parameter value
Brand	SONBEST
Moisture measuring range	0~100%
Moisture measuring accuracy	±3% @25℃
Communication Interface	ZIGBEE
Radio frequency	2.4G ISM
Network Type	Star network
Network capacity	65535
Power	DC3.3~4.2V
Running temperature	-30~85℃
Working humidity	5%RH~90%RH

**Product Size**

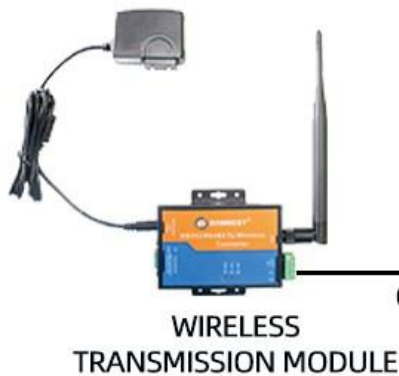


# I INSTRUCTIONS FOR USE

Instructions for use



1. TURN OFF THE CAP IN THE DIRECTION OF THE ARROW AND PUT THE FUSE IN. TURN OFF THE CAP IN THE DIRECTION OF THE ARROW AND SUPPLY THE BATTERY TO THE DEVICE NORMALLY.

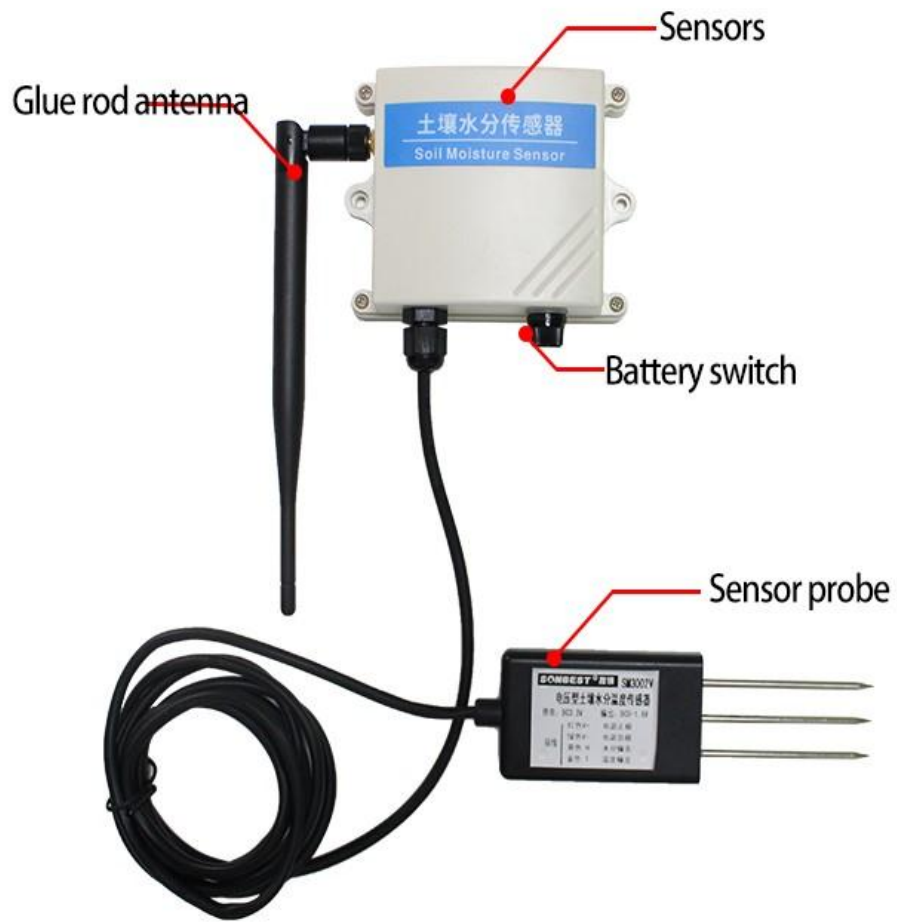


2. CONNECT YOUR WIRELESS TRANSCIEVER TO YOUR COMPUTER

BY RS485/RS232 CONVERTER  
CONNECT TO THE COMPUTER



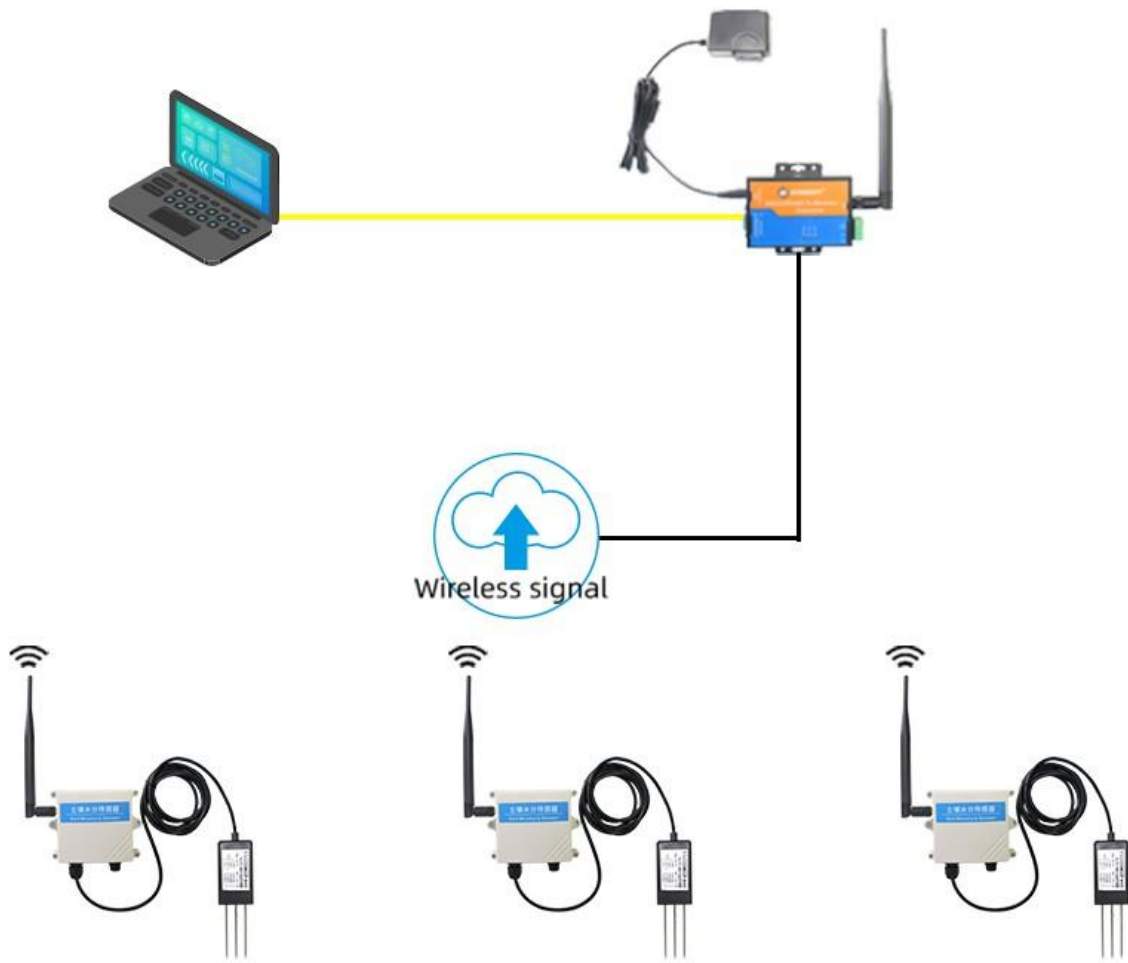
3. TURN ON THE SOFTWARE TO SET THE PARAMETERS



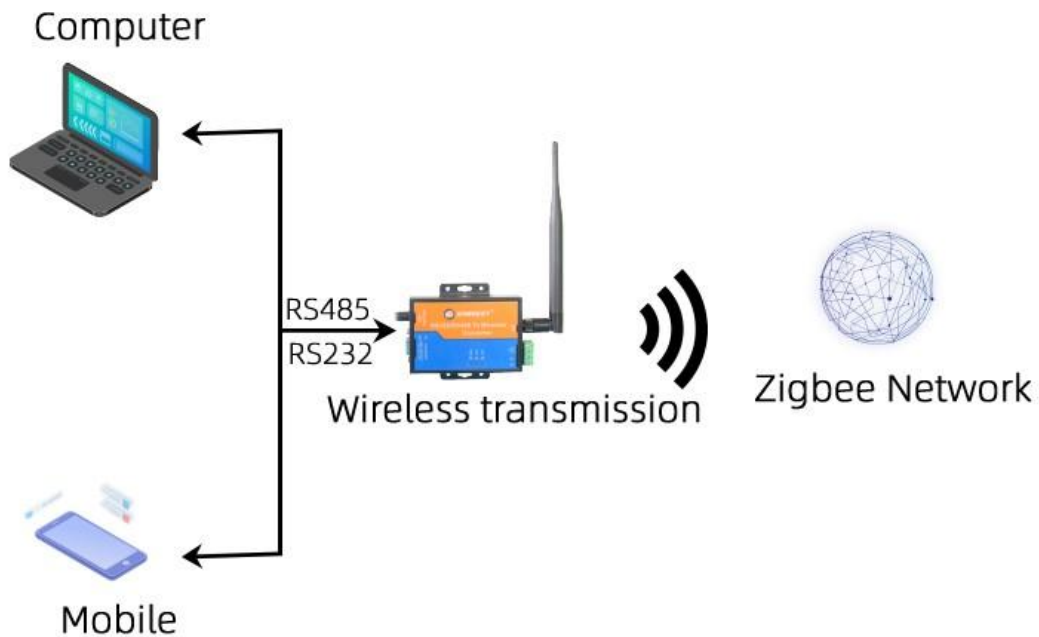
### How to use?



**Application solution**



The ZIGBEE module supports multiple types of wireless sensors



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### Contact Us

Company: Shanghai Sonbest Industrial Co., Ltd

Address: Building 8, No. 215 North east road, Baoshan District, Shanghai, China

Web: <http://www.sonbest.com>

Web: <http://www.sonbus.com>

SKYPE: soobuu

Email: [sale@sonbest.com](mailto:sale@sonbest.com)

Tel: 86-021-51083595 / 66862055 / 66862075 / 66861077