

**SZ1200B-160****10 channel 160 point ZIGBEE wireless temperature measurement module****User Manual**

File Version: V23.6.19



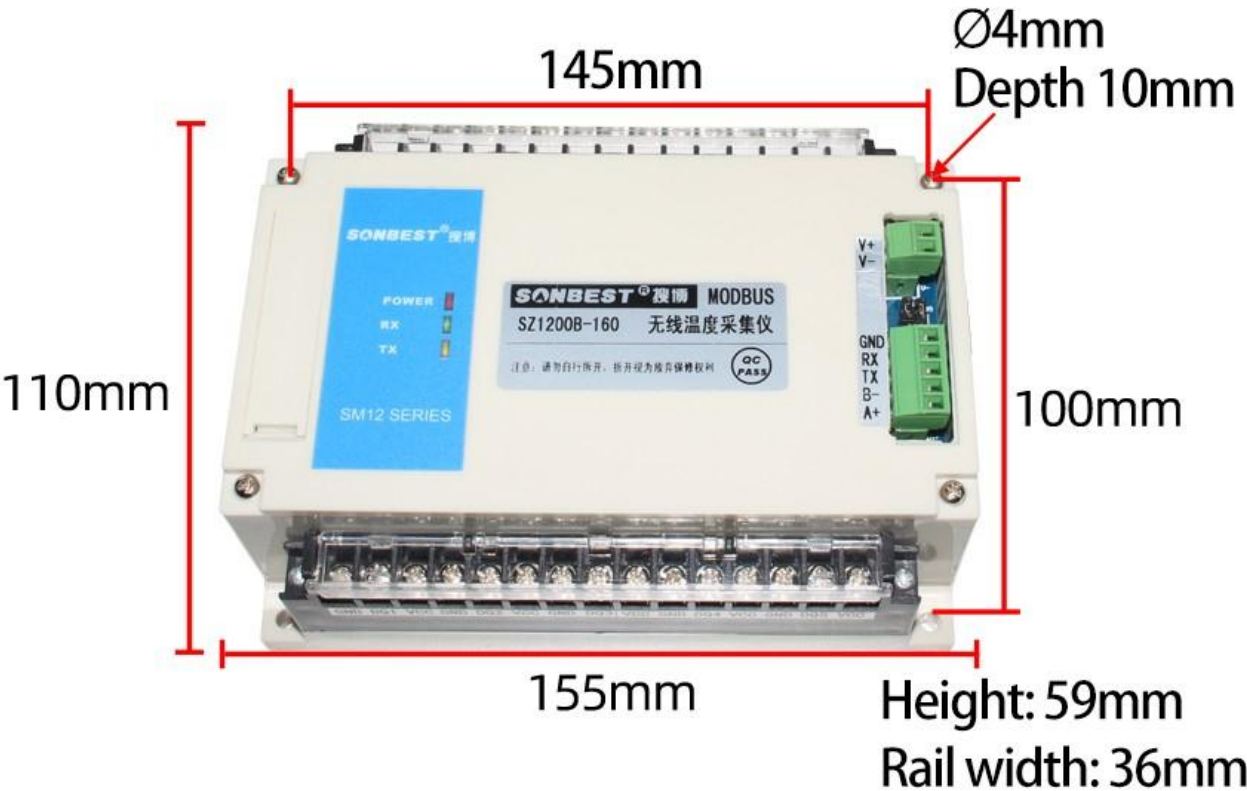
SZ1200B-160 using the standard ZIGBEE Wireless Communication Interface, easy access to PLC, DCS and other instruments or systems for monitoring temperaturex=16@10 state quantities. The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term

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
Temperature measuring range	-30℃~85℃
Temperature measuring accuracy	±0.5℃ @25℃
Support sensors	160
Channels	10
Max Sensors of channel	16
Support sensor	sensor of DS18B20
Communication Interface	ZIGBEE
Radio frequency	2.4G ISM
Network Type	Star network
Network capacity	65535
Power	DC9~24V 1A
Running temperature	-30~85℃
Working humidity	5%RH~90%RH

**Product Size**



**Wiring instructions**

In the case of broken wires, wire the wires as shown in the figure. If the product itself has no leads, the

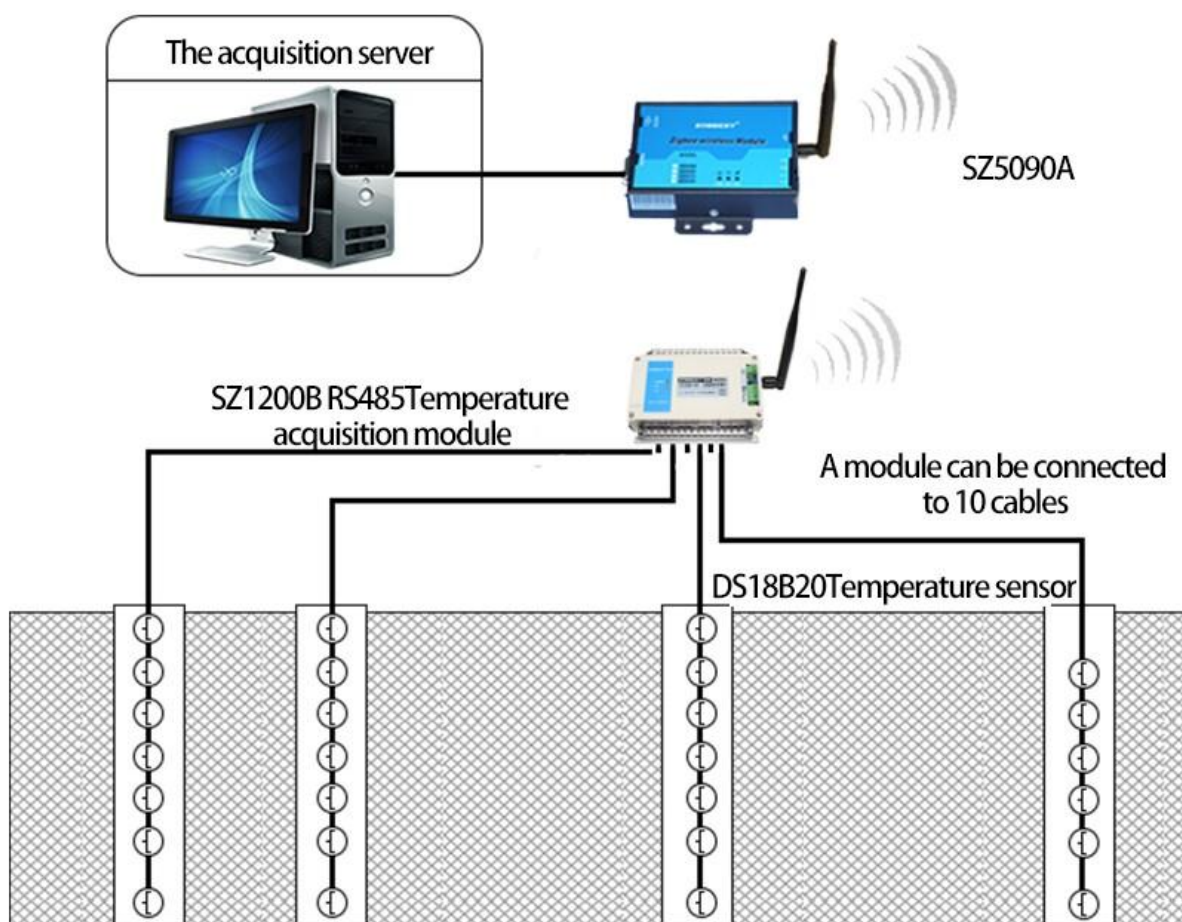
core color is for reference.

### **How to use?**

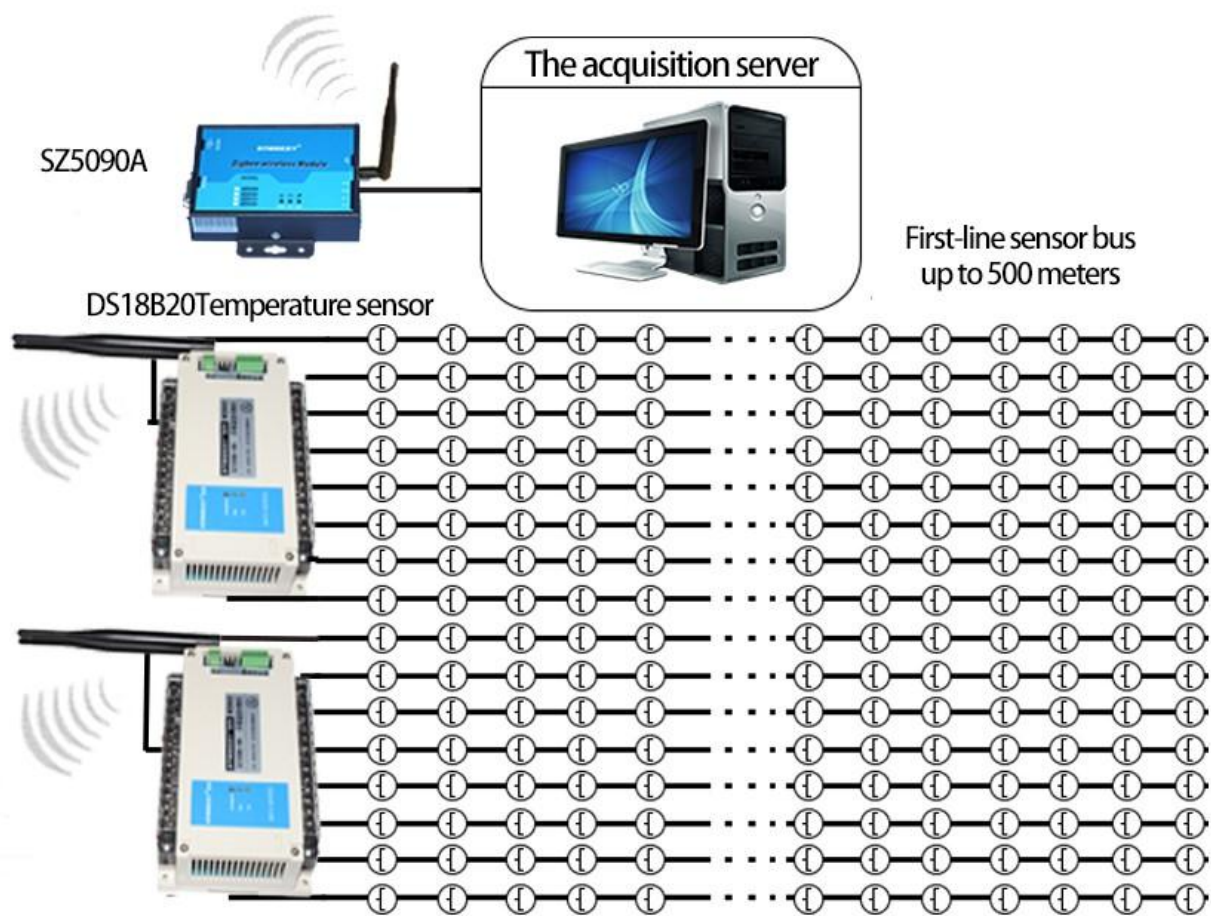
The temperature acquisition module can be widely used in indoor temperature measurement fields such as granary warehouses, heat source heat pumps, machine room workshops, libraries, museums, offices, archives, etc.



### **Application solution**



● APPLICATION SCHEME OF TEMPERATURE MEASUREMENT SYSTEM FOR BURIED PIPE



● APPLICATION SCHEME OF DENSE TEMPERATURE MEASURING SYSTEM

Product List





Zigbee wireless temperature module



Warm Reminder card



Certificate

### Disclaimer

This document provides all information about the product, does not grant any license to intellectual property, does not express or imply, and prohibits any other means of granting any intellectual property rights, such as the statement of sales terms and conditions of this product, other issues. No liability is assumed. Furthermore, our company makes no warranties, express or implied, regarding the sale and use of this product, including the suitability for the specific use of the product, the marketability or the infringement liability for any patent, copyright or other intellectual property rights, etc. Product specifications and product descriptions may be modified at any time without notice.

### 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