

SN2110B

NB-IOT wireless temperature and humidity sensor

User Manual

File Version: V23.7.7



SN2110B using the standard NB-IOT Wireless Interface, easy access to PLC, DCS and other instruments or systems for monitoring temperature, humidity 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℃~80℃
Temperature measuring accuracy	±0.5℃ @25℃
Humidity measuring range	0~100%RH
Humidity accuracy	±3%RH @25℃
Heartbeat Packet	Support
Support frequency bands	telecommunications mobile or China Unicom network
Work mode	query mode or active upload mode
Network Protocol	TCP/UDP/COAP/UDC
Sleep battery	<10uA
Max Current	<100mA
Sleep interval	60-43200 seconds
Built-in battery	2000mAH lithium battery
Power	DC9~24V 1A
Running temperature	-30~85℃
Working humidity	5%RH~90%RH

Product Size



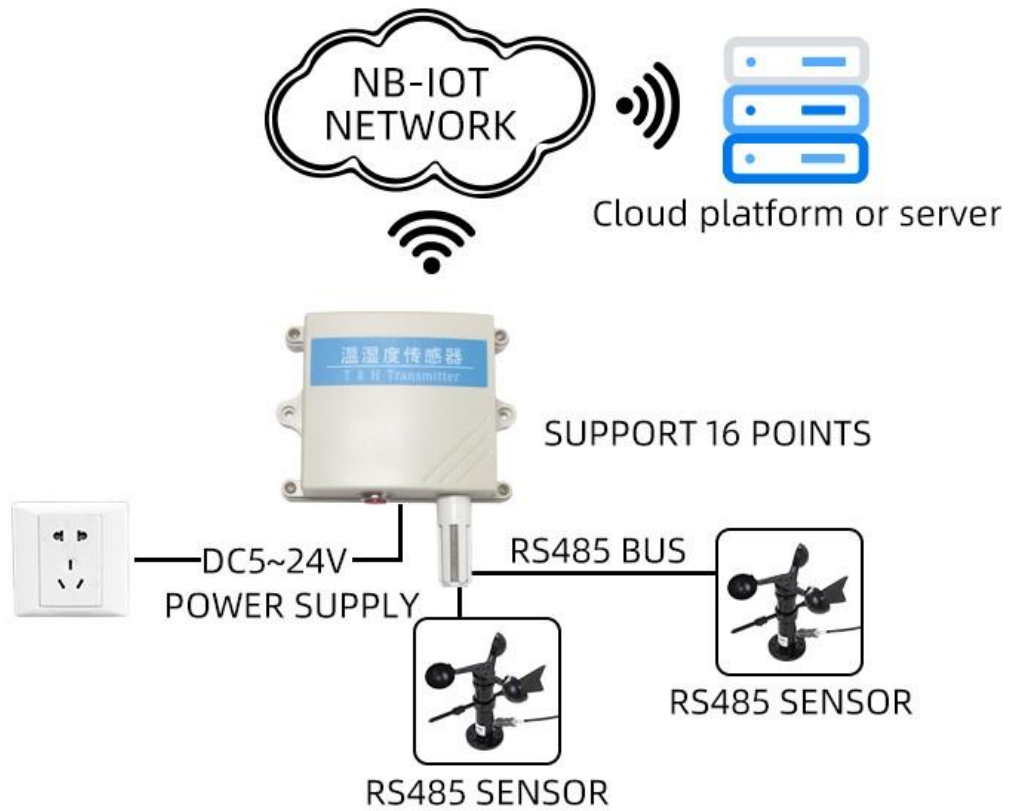
In the case of broken wires, wire the wires as shown in the figure. If the product itself has no leads, the core color is for reference.

How to use?

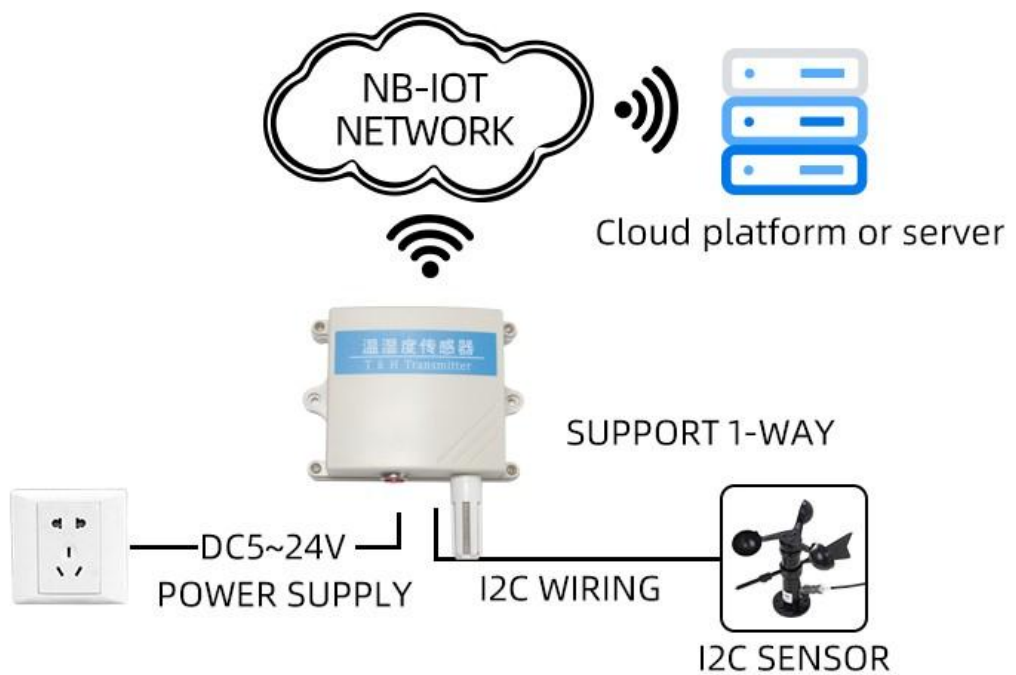


Application solution

■ RS485 WIRING METHOD



■ I2C WIRING METHOD



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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

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