

SZ3992B

**ZIGBEE wireless greenhouse dedicated temperature, humidity,
illuminance, carbon dioxide, soil moisture sensor**

User Manual

File Version: V23.7.1



SZ3992B using the standard ZIGBEE Wireless Communication Interface,easy access to PLC , DCS and other instruments or systems for monitoring Illuminance,temperature,humidity,carbon dioxide,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
Illuminance measuring range	0~65535Lux
Illuminance allow deviation	± 7%
Repeatability test	± 5%
Illuminance detection chip	Import digital
Wavelength range	380nm~730nm
Temperature measuring range	-30℃~80℃
Temperature measuring accuracy	± 0.5℃ @25℃
Humidity measuring range	0~100%RH
Humidity accuracy	± 3%RH @25℃
CO2 range	0~5000ppm
CO2 accuracy	± 100ppm
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	DC9~24V 1A
Dimensions	Φ 28.5mm×127mm

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.

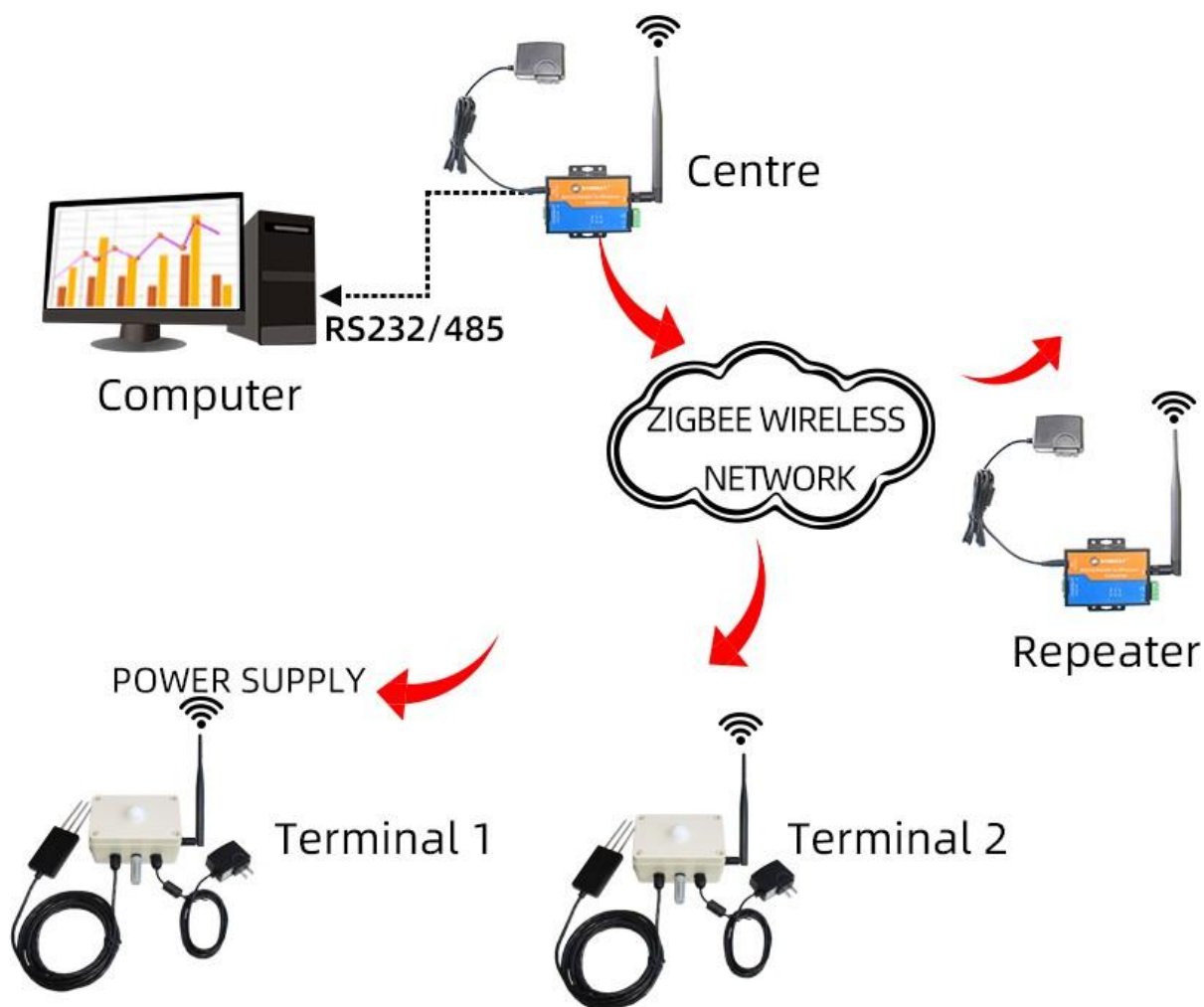
How to use?

It is mainly used for long-distance real-time monitoring and observation in the fields of agriculture, industry and Environmental monitor-



Application solution

Basic application scheme





1#



2#



3#

Zigbee transmits
100-800 meters



1#



2#



3#

Product List



Sensors



Certificate

Disclaimer

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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