

SZ3990B

ZIGBEE wireless temperature, humidity, carbon dioxide integrated sensor

User Manual

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SZ3990B using the standard ZIGBEE Wireless Communication Interface, easy access to PLC, DCS and other instruments or systems for monitoring carbon dioxide, temperature, humidity, atmospheric pressure state quantities. The internal use of high-precision sensing core and related devices to ensure

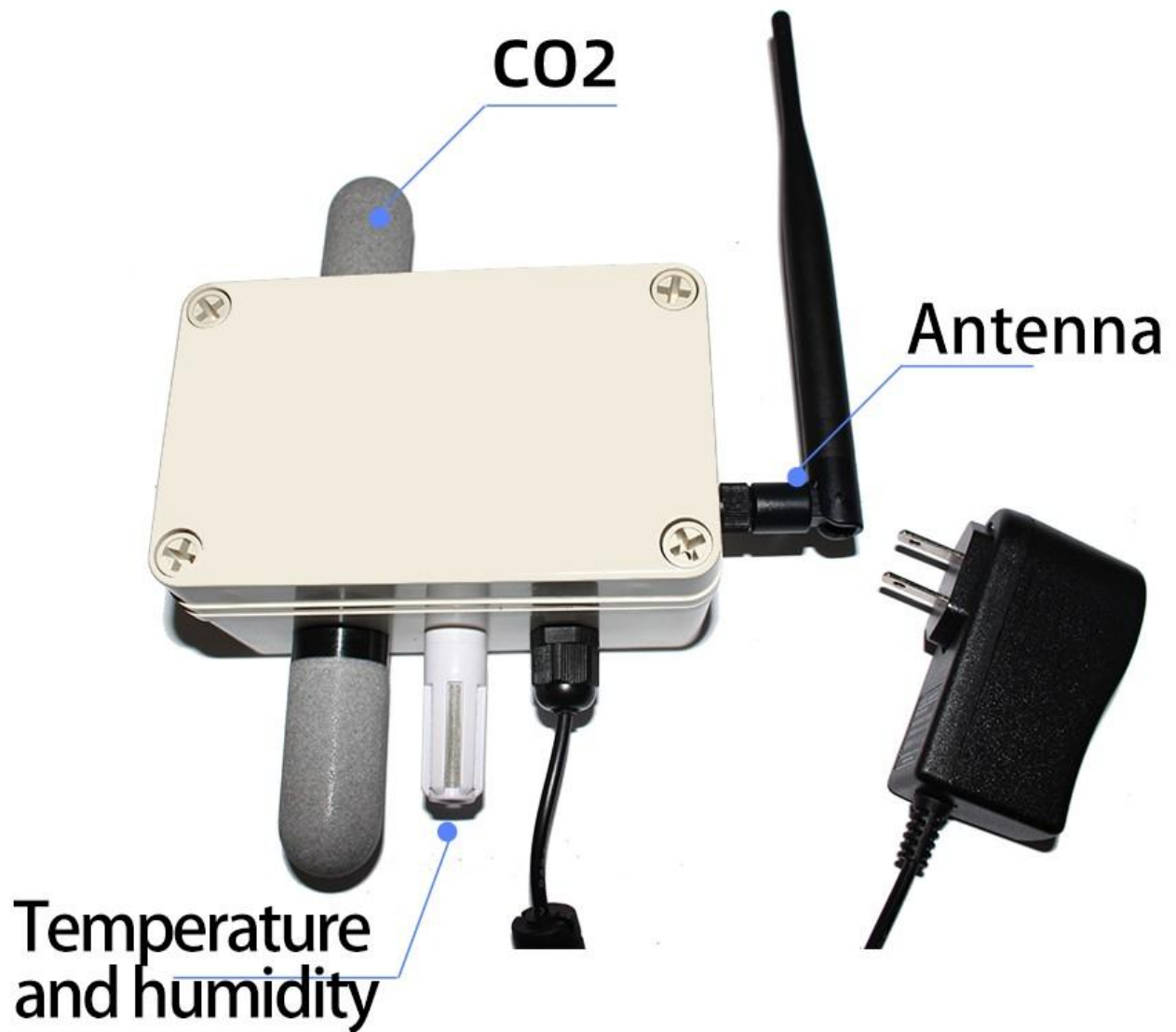
high reliability and excellent long-term stability, can be customized
RS232, RS485, CAN, 4-20mA, DC0~5V\10V, ZIGBEE, Lora, WIFI, GPRS and other output methods.

Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
CO2 range	0~5000ppm
CO2 accuracy	±100ppm
Temperature measuring range	-30℃~80℃
Temperature measuring accuracy	±0.5℃ @25℃
Humidity measuring range	0~100%RH
Humidity accuracy	±3%RH @25℃
Atmospheric pressure range	30~110kpa
Atmospheric pressure accuracy	±0.5%
Communication Interface	ZIGBEE
Radio frequency	2.4G ISM
Network Type	Star network
Network capacity	65535
Power	DC9~24V 1A
Dimensions	Φ28.5mm×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.

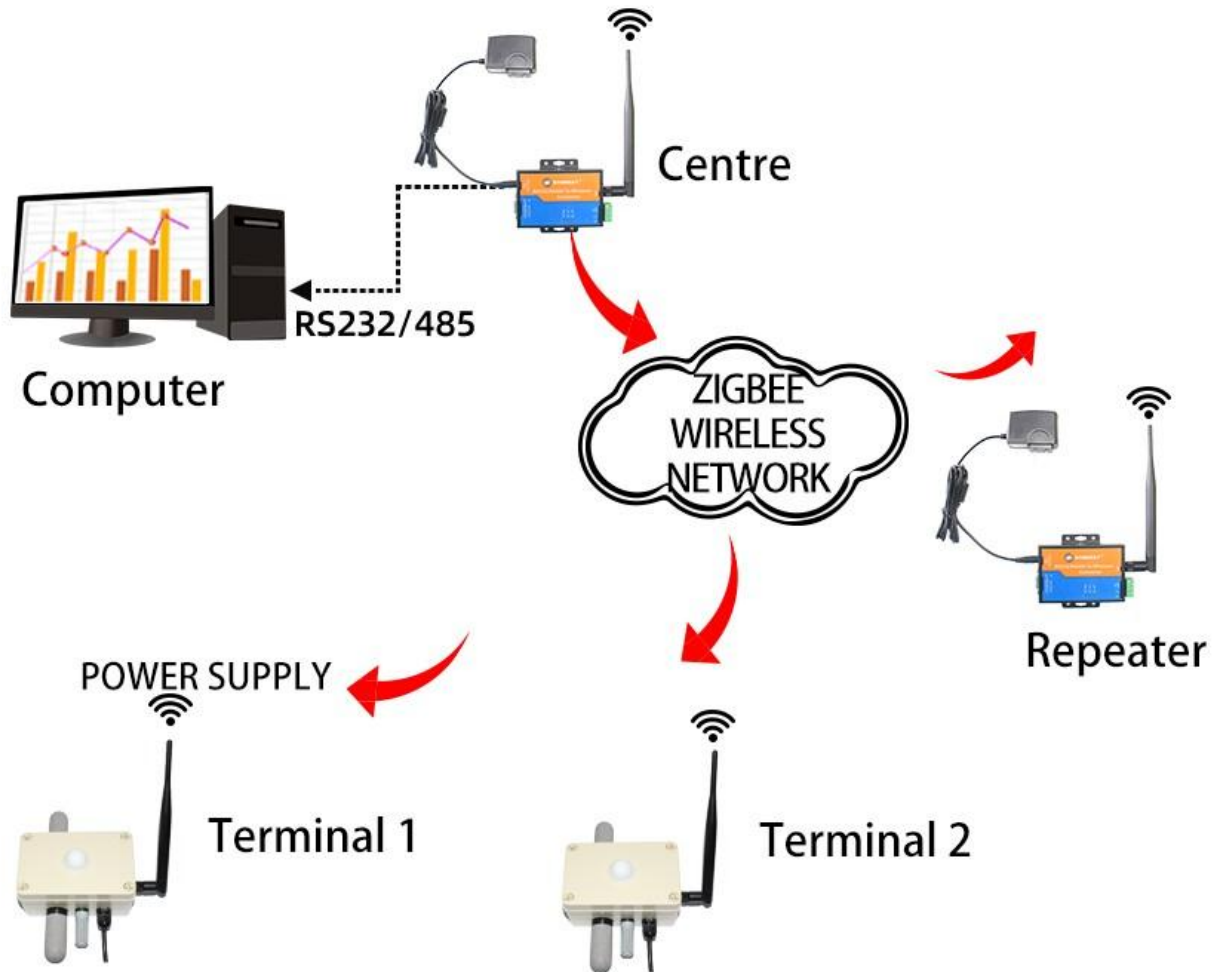
How to use?

It is mainly used for long-distance real-time monitoring and observation in agriculture, industry and environmental monitoring fields



Application solution

Basic application scenarios





Zigbee transmission
100-800 meters



Product List



Sensor



Certificate

Disclaimer

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