

SZ5090A

RS232 interface industrial grade ZIGBEE wireless acquisition module

User Manual

File Version: V23.9.5



SZ5090A using the standard ZIGBEE Wireless Communication Interface, easy access to PLC, DCS and other instruments or systems for monitoring RS232 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.

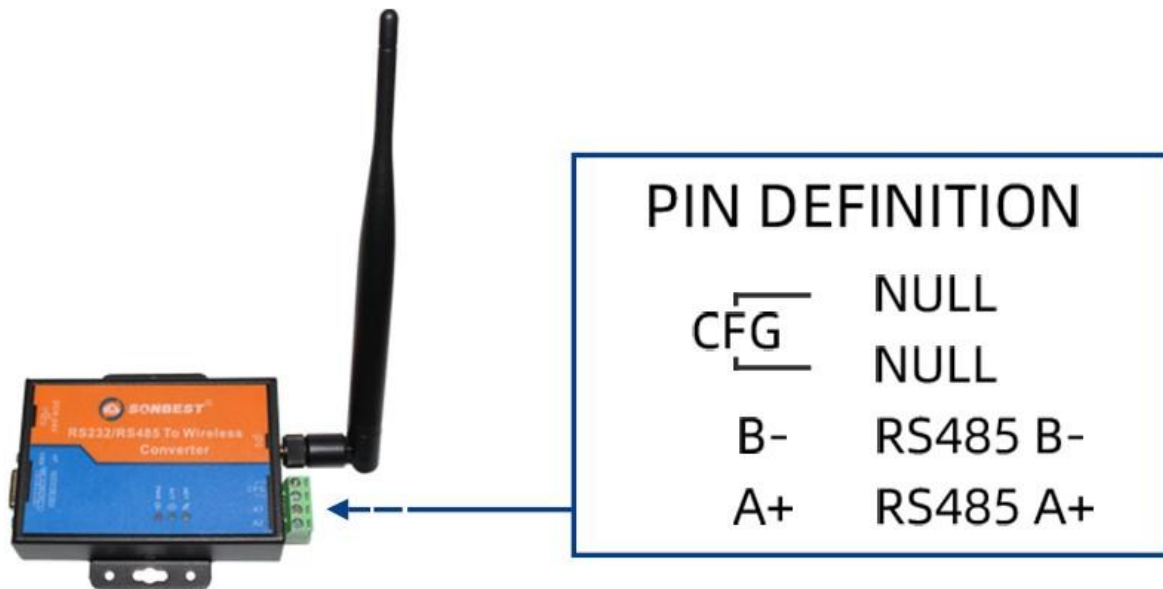
Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
RS232	DB9 2-TX 3-RX
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 mode



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.

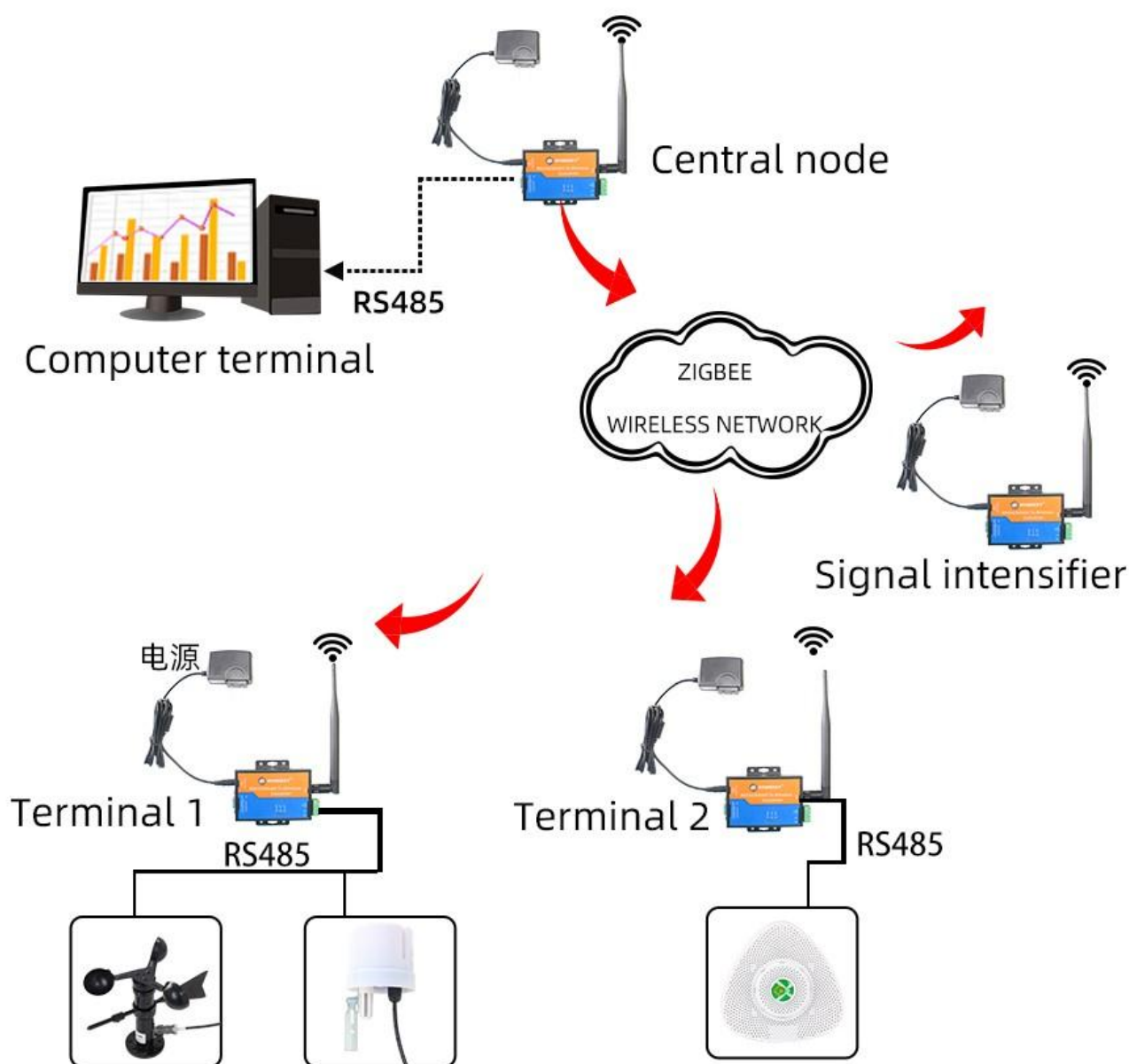
How to use?

It can be widely used for wireless data transmission in engineering machinery, railways, ports, wharves, power plants, meteorology, cableways, wind power generation, ships, tower cranes, energy conservation monitoring, agriculture, clean space and other fields



Application solution

Basic application scheme



Note:

1. The center and terminal are of the same model and transparent transmission.
2. The repeater is only used for signal enhancement. It can only be powered on. Do not connect RS485 peripheral
3. The communication distance is greatly affected by the environment, so it is recommended to conduct communication test when distributing points

Product List



certificate

One set of wireless acquisition module

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