

SR3232C

16-channel energy-saving soil moisture recorder

User Manual

File Version: V23.8.8



SR3232C using the standard RS485 bus MODBUS-RTU protocol, easy access to PLC, DCS and other instruments or systems for monitoring 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
Moisture measuring range	0~100%
Moisture measuring accuracy	±3% @25℃
Communication Interface	RS485
Default baud rate	9600 8 n 1
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.

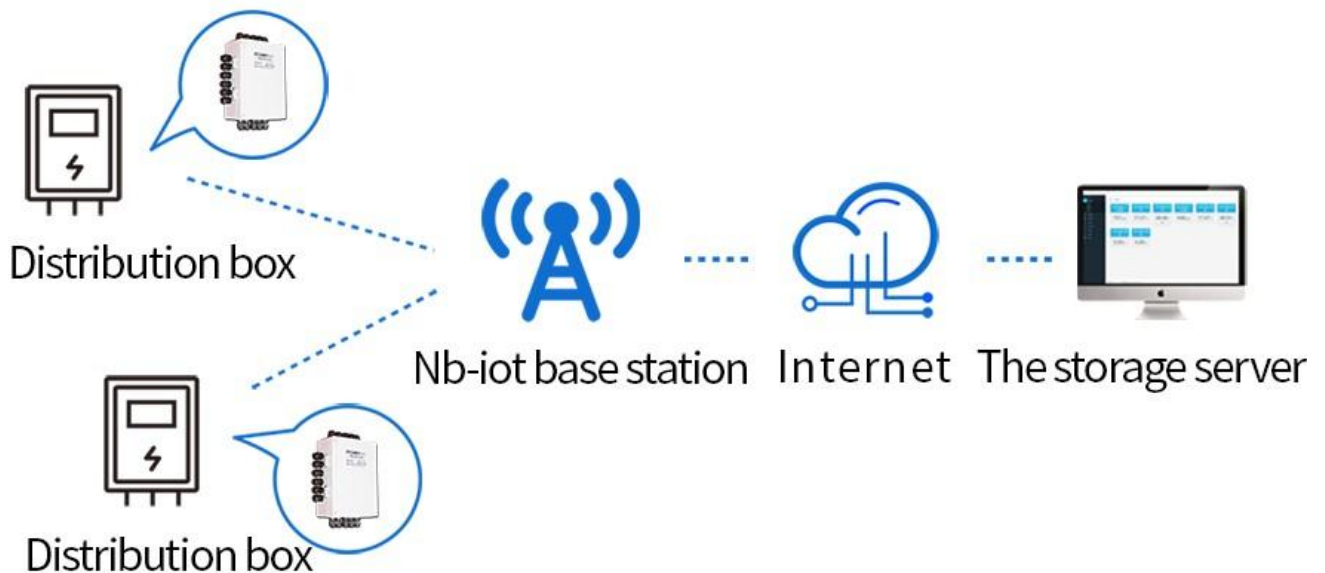
Product List

Heartbeat Packet Mechanism

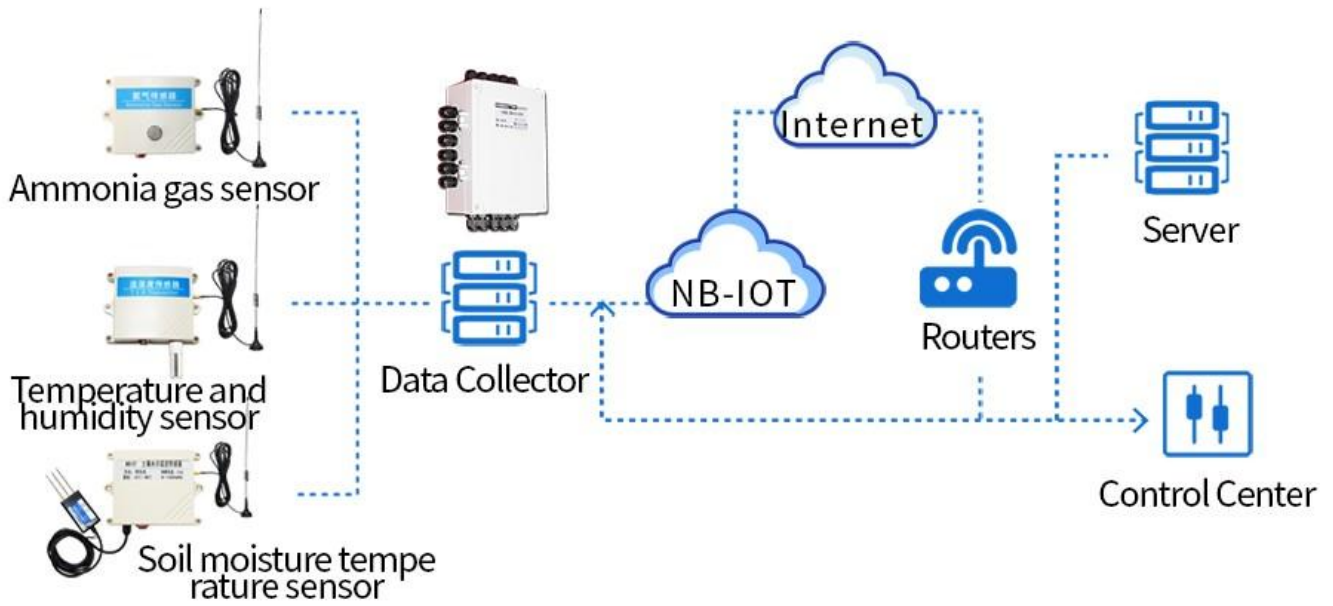
Support Network Heartbeat Packet and Serial Heartbeat Packet Network Heartbeat Packet notifies the server that it is in an active state, keeps the normal connection with the server by sending the Heartbeat Packet Serial Port Heartbeat Packet notifies the serial port device that it is in an active state, active capture of sensor data that can not be pushed



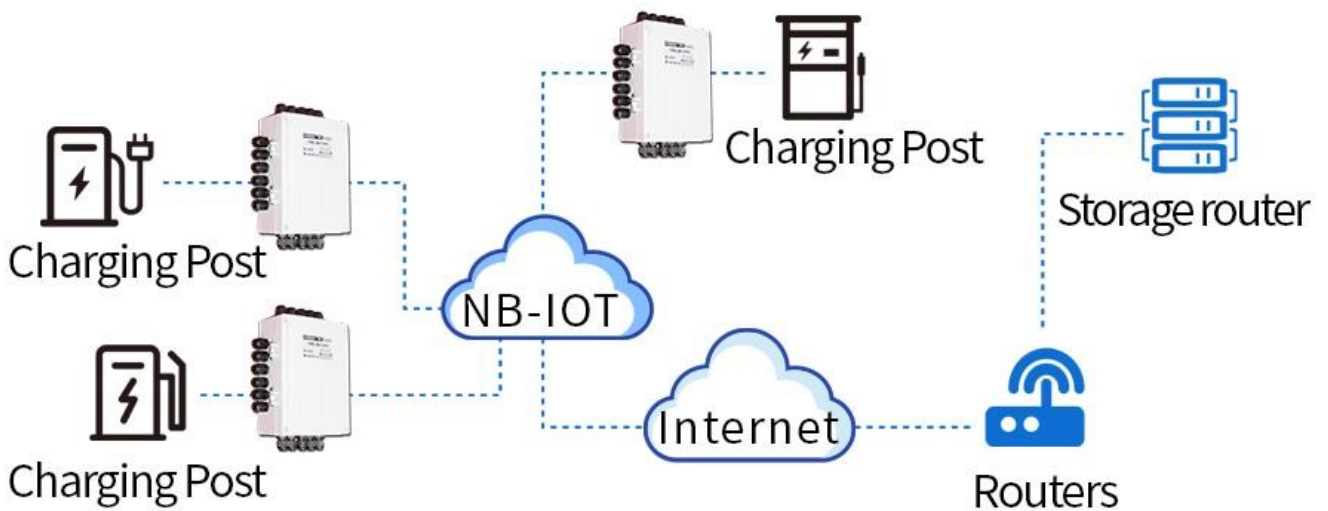
Application scheme of intelligent power data acquisition

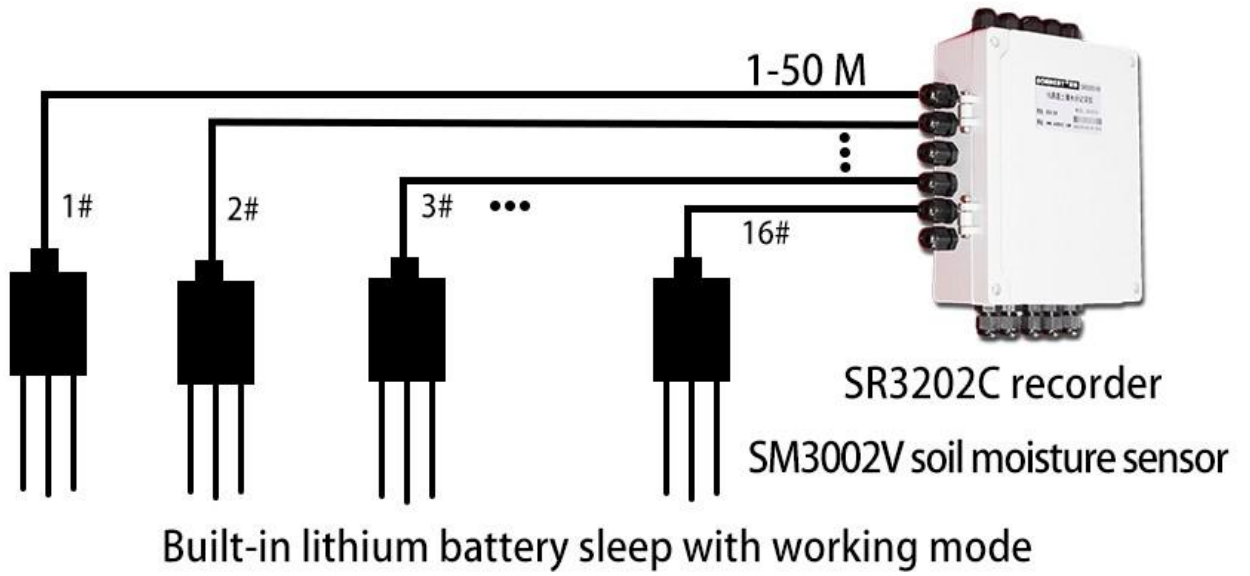


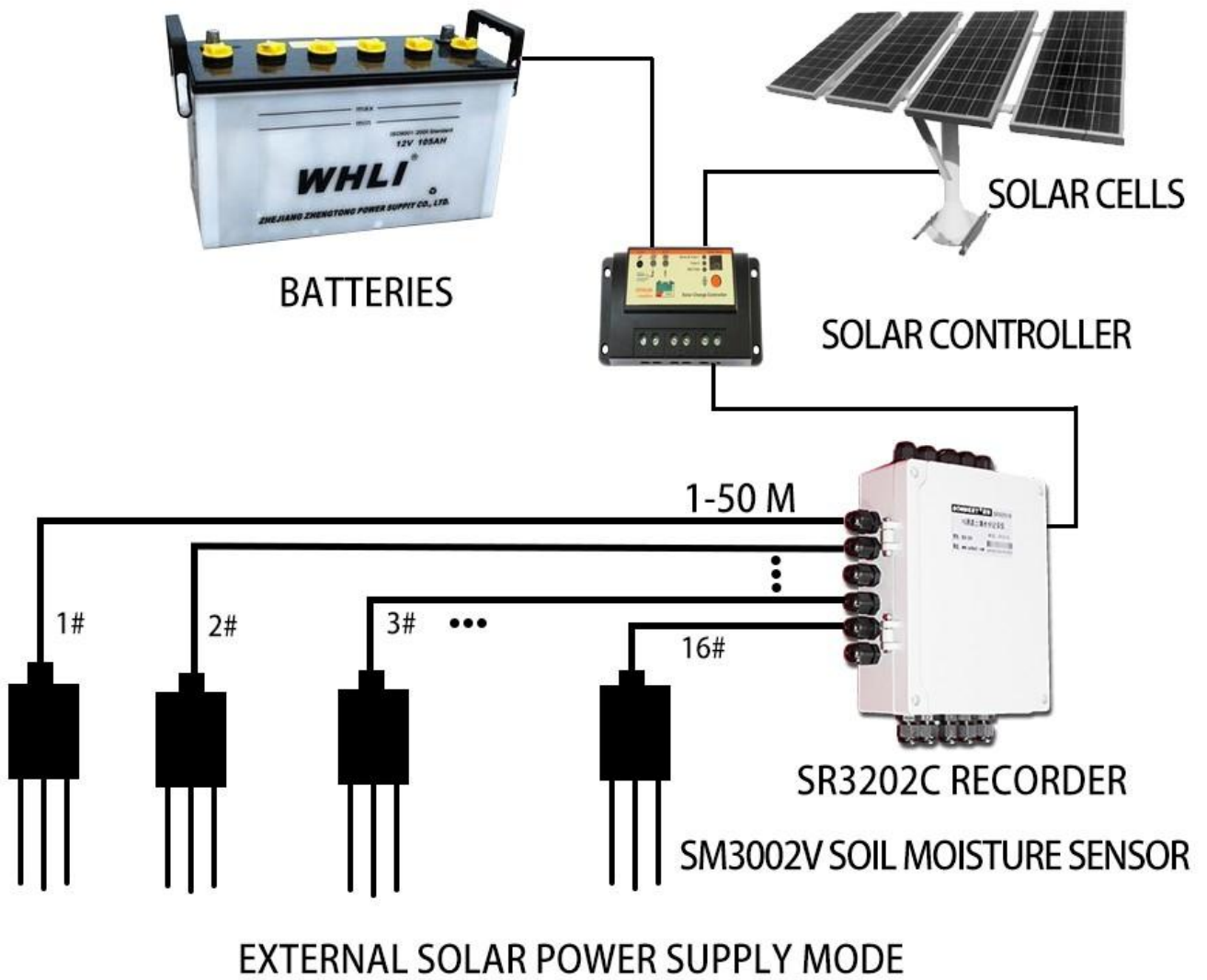
Application Program of agricultural environmental testing

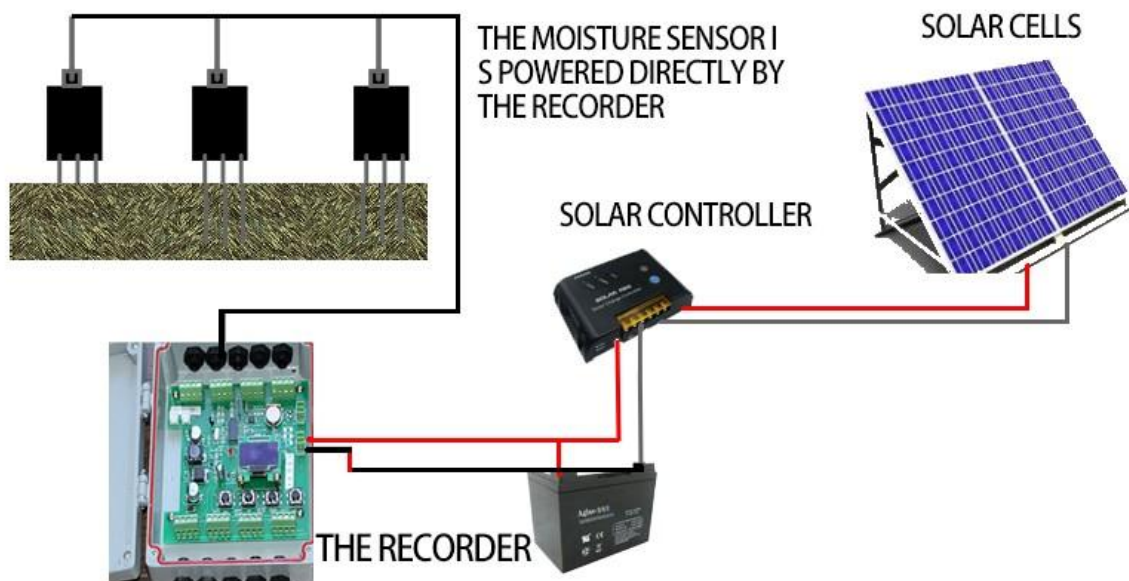


Application scheme of real-time data transmission of charging pile









Communication Protocol Disclaimer

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