



SONBEST SR9632N Handheld Soil Recorder User Manual

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SONBEST SR9632N Handheld Soil Recorder



SR9632N using the standard, easy access to PLC DCS and other instruments or systems for monitoring soil temperature, 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
Moisture Temperature range	-30℃~80℃
Moisture Temperature accuracy	±0.5℃ @25℃
Moisture measuring range	0~100%
Moisture measuring accuracy	±3% @25℃
Communication Interface	USB(RS232 to USB)
USB cable length	1m
Support baud rate	115200
Charger current	500mA
Work current	<150mA
Power off current	<30uA
Power	DC3.3~4.2V
Storage	8M
Max Records	32768
Running temperature	-40~80℃
Working humidity	5%RH~90%RH




Product Size



Application solution

KEY POSITION & SCREEN DISPLAY DESCRIPTION





-  :Networking key
-  :Recording function keys
-  :Power button
-  :Shift
-  :Up and down
- SET :Set time & storage
-  :Invalid

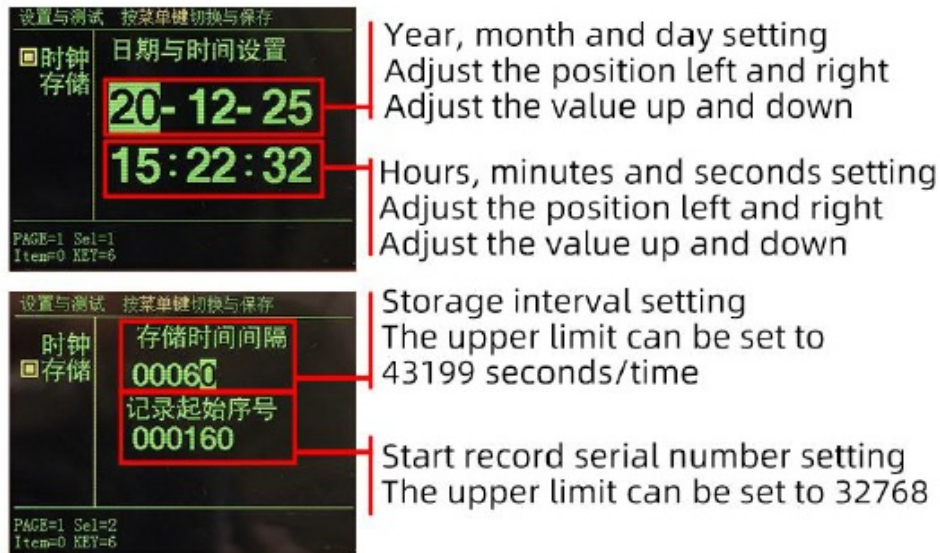
Network connection status
& signal size

Battery & current time



T&H display
area

- The upload interval can be set after connecting to the computer The storage interval can be set in the menu.
The upper limit of the storage interval is 431995
-  Press the networking button here to become the color, and the NB module will be enabled in this color state and data can be uploaded.
-  Press the record function key here will become the color, and the local record function will be activated in this Color state
- Timing:** After the timer is over, the current T&H value will be automatically recorded once Recording: Display the number of automatic records, the record limit is 32768.



MEASUREMENT METHODS

Rapid measurement



Choose a suitable measurement location, avoid rocks, cut the surface soil according to the depth required for measurement, maintain the original tightness of the underlying soil, hold the sensor vertically and insert it into the soil, do not shake left and right when inserting, to ensure close contact with the soil

Buried measurement method



Dig a pit with a diameter of about 20cm vertically, insert the sensor needle into the pit horizontally according to the measurement needs, and fill the pit to ensure close contact with the soil. After the sensor is stable for a period of time, continuous long-term measurement and recording can be performed.

How to use it?



Disclaimer


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Documents / Resources

	<p>SONBEST SR9632N Handheld Soil Recorder [pdf] User Manual SR9632N, Handheld Soil Recorder, SR9632N Handheld Soil Recorder</p>
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References

- [Home-Šæµ·æœąšą@žă_šæœ%œé™ă...-ă_](#)
- [Home-SONBEST -SONBUS.COM| THE SENSOR COMPANY](#)
- [Home-SONBEST -SONBUS.COM| THE SENSOR COMPANY](#)