

TEMPERATURE & HUMIDITY RECORDER

User Manual for SRTH100-2001D-6401



Product Description >>

Temperature and humidity recorder are mainly used in the storage or transportation of food, pharmaceuticals, greenhouses, chemical supplies and other products. They are widely used in various links such as warehousing, logistics, cold chain, refrigerators, containers, cold storage, drug warehouses, underground storage warehouses, laboratories, etc. They can be combined with user's computer software and IoT technology to effectively perform statistical analysis on temperature and humidity data.

Thank you for choosing L-com product. To ensure safe, accurate performance and product longevity, please take a moment to familiarize yourself with this manual before powering the device. Please keep it handy for future reference. In case of any questions regarding the installation or use of product, please call us at 800.341.5266.

Reach out to us at customerservice@l-com.com and visit our website at www.l-com.com

Features >>





- **Display Interface:** Large screen LCD display with online settings of parameters like storage time interval, data upload frequency, temperature and humidity alarm value.
- **Measurement Accuracy:** Highest measurement accuracy can reach 1.5%RH, ± 0.1 °C.
- **Signal Output Mode:** Supports RS485
- **Storage Capacity:** High speed USB interface, large capacity storage, can store 1 million sets of data.
- **Sound and Light Alarm:** With sound and light alarm function, one control relay

Technical Index >>

Measuring Range	Build-in probe: 0-100%RH, -20 ~ 70 °C
Temperature Accuracy	Ordinary Accuracy ± 0.2 °C
Humidity Accuracy	Ordinary Accuracy $\pm 2\%$ RH
Data Export Interface	USB
Display Method	Segment LCD
Number of Channels	1 Channel (Build-in temperature and humidity)
Operation Method	Button
Power Supply	Micro USB external power supply
Data Viewing Method	Digital display
Average Power Consumption (Battery Powered)	4G version 1.1 mA, data upload frequency 1 hour every time; NB version 0.8mA data upload frequency 10 minutes every time
Wired Transmission Method and Communication Protocol	RS485 (MODBUS RTU)
Storage Capacity	1 million groups (single channel)

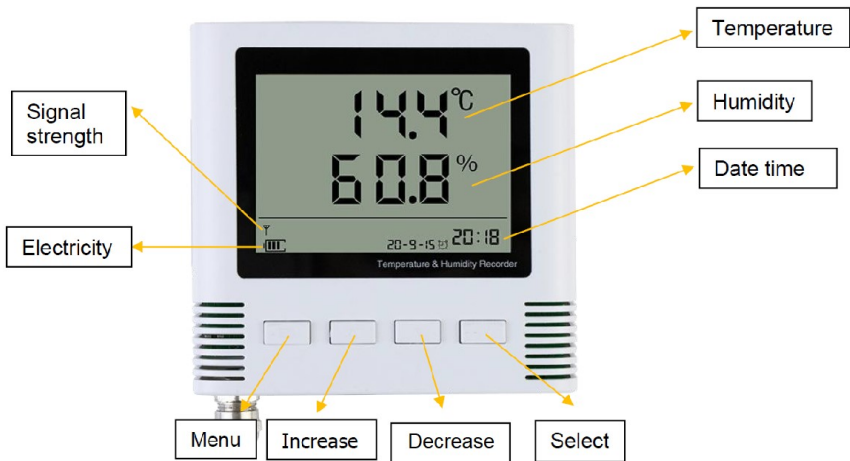
Instrument Display and Operating Instructions >>

Keyboard Function and Usage Mode: Key symbol, name and function comparison table

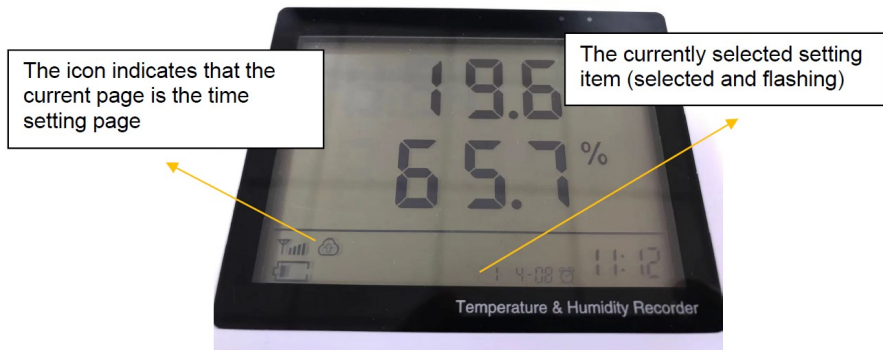
Symbol	Name	Features
	Menu	Menu selection, low - power wake - up
	Increase	To increase
	Decrease	To decrease, cut back
	Select	<ul style="list-style-type: none"> • Switch selection, shift, return, select , back • Select the parameter that needs to be modified or exit the modification interface • When a parameter is flashing, it is in the selected state • Parameters settings are automatically saved after pressing this button to return

Product Appearance Display Diagram >>

The main interface contains information such as temperature, humidity, battery power, signal strength, date and time etc.



Time Modification >>



Parameter Modification >>

