

## SL2110W

# Lithium-battery-powered LORAWAN wireless temperature and humidity sensor User Manual

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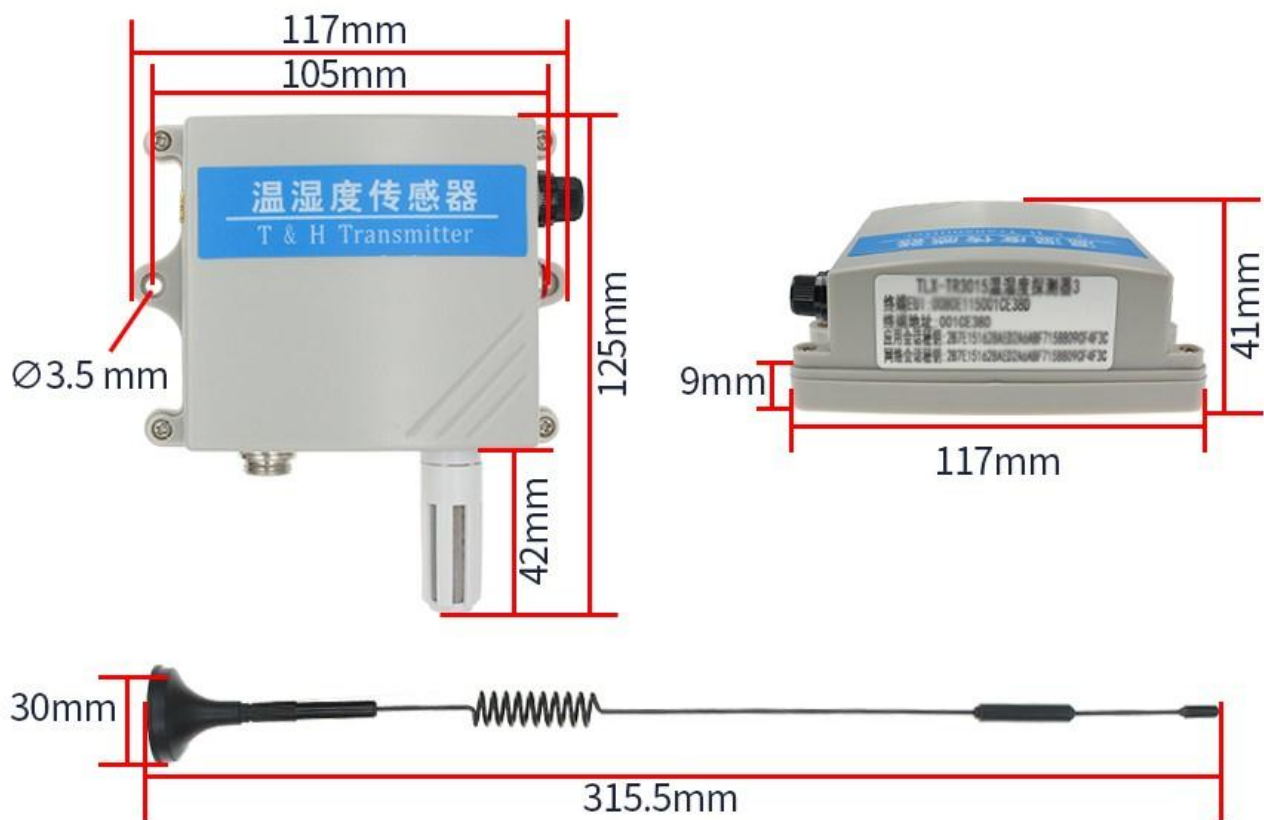
SL2110W using the standard ,easy access to PLC , DCS and other instruments or systems for monitoring temperature,humidity state quantities.The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability,can be customized

RS232,RS485,CAN,4-20mA,DC0~5V\10V,ZIGBEE,Lora,WIFI,GPRS and other output methods.

### Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
Temperature measuring range	-30℃~80℃
Temperature measuring accuracy	±0.5℃ @25℃
Maximum transmit power	MAX 20dBm
Operating frequency	410-441MHz Default 470MHz
Work mode	ABP mode
Communication Way	LoRaWAN
Sleep battery	<8uA
Max Current	<150mA
Get data interval	900 seconds
Built-in battery	lithium battery inside
Standby duration	2 to 5 years (collected every 30 minutes)
Power	DC6~24V 1A
Running temperature	-30~80℃
Working humidity	5%RH~90%RH

### Product Size



Note: Manual measurement, please refer to the actual product

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?

Temperature and humidity sensors can be widely used in indoor and outdoor temperature and humidity measurement fields such as animal breeding, file management, food storage, greenhouses, drug storage, tobacco industry, industrial control industry, etc



NO.1

Grain storage



NO.2

Animal  
farming



NO.3

Tobacco  
industry



NO.4

Pharmaceutical  
storage



NO.5

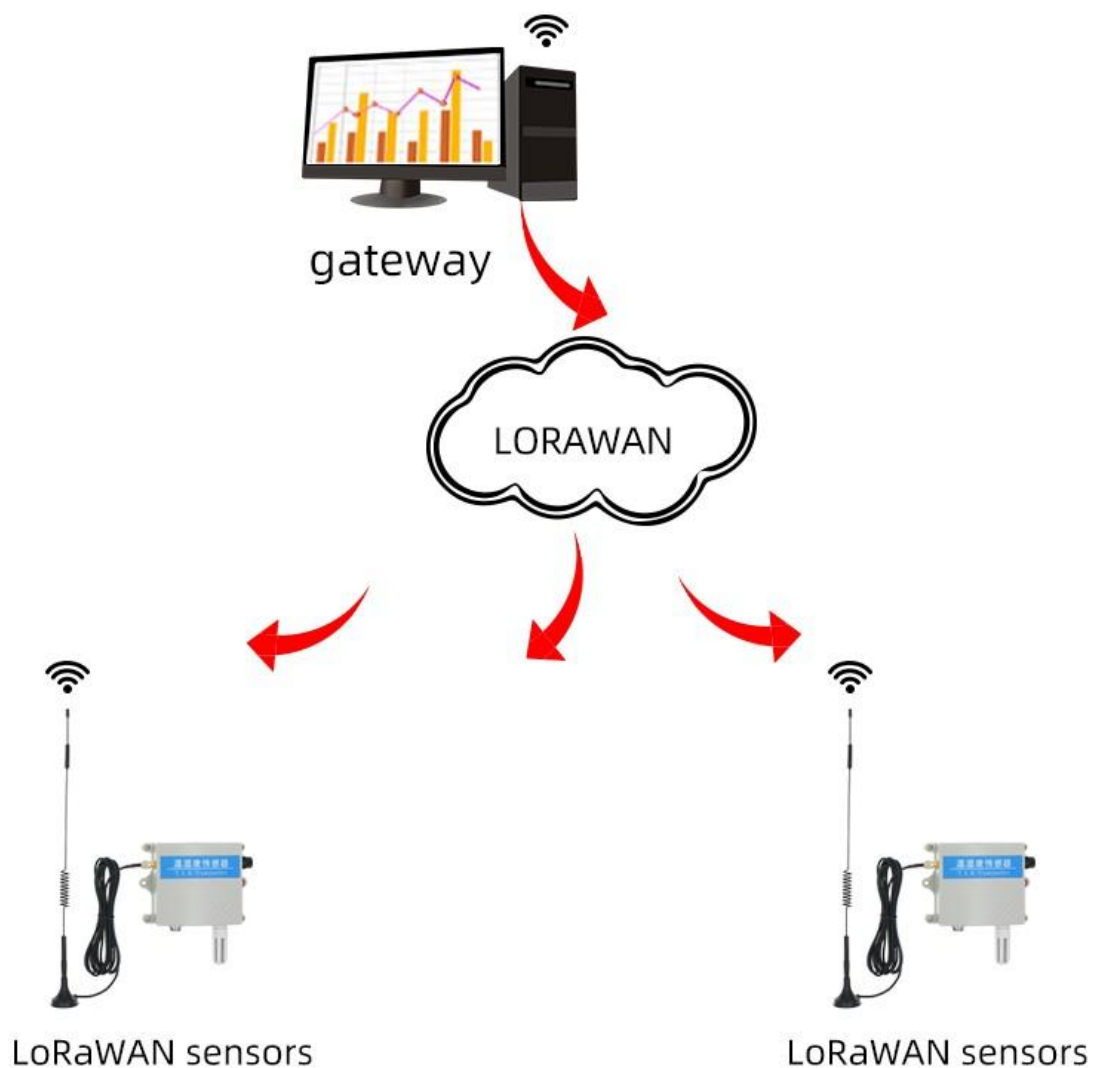
Greenhouses



NO.6

Archives  
management

## Application solution



### Concentrate:

1. The basic frequency points of the gateway and the sensor must be the same.
2. The sensor is actively uploaded at a regular time
3. REQUIRES A STANDARD LORAVAN PROTOCOL GATEWAY

## Product List





1 sensor  
(The actual delivery is subject to  
the user's selection)



## Reminder cards



## Certificate

### Disclaimer

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