

# LoRa Real Time Temperature Monitoring RCW-3000 Series

(Used with RCW-3200 Sensors)



## Overview

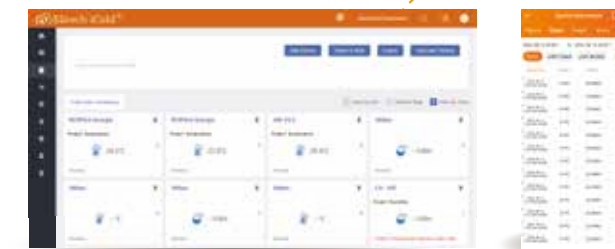
The wireless temperature and humidity monitoring system adopts advanced LORA communication technology, which is composed of wireless collector, wireless repeater, cloud platform, mobile APP, etc. The system uses various transmission technologies (LORA, GPRS, WIFI) to realize network monitoring of environmental temperature and humidity. The system can deploy wireless probes according to the location of the monitoring points, and select GPRS or WIFI to connect to the cloud platform according to the local environment. The wireless collector uploads data in the same wireless way, and the user views the data in real time through the browser or the intelligent terminal. The cloud platform can also be used for temperature and humidity data analysis, report export, historical data query, etc.

## Features

- Wireless deployment, no need to punch wiring, easy installation
- Lora wireless communication, to meet the visual range of 1,000 meters of data transmission;
- Automatic networking, gateway agrees to upload data, support unified management of monitoring platform
- Multiple communication, 4G/ WiFi version of the repeater free choice, to meet the communication requirements of different environments
- Remote temperature and humidity data monitoring and recording, data cloud storage, safe and reliable



RCW-3000



Technical Specifications		RCW-3000	
Data Update Interval		1-1440 Min (Default 1min)	
Maximum Transport Distance		1000 meters	
Maximum Adapter connected		100 Pieces	
Data Storage Mode		Circular Storage	
Connection Type		USB Type-C (Rechargeable and data output)	
Power Input		5V/2A	
Battery Volume		5000mAh Rechargeable Lithium Battery	
Display		TFT	
Alarm Mode		Sound, light, Platform	
Product Size		130mm*130mm*35mm	
		RCW-3200	
Model		Built-in Temp & Humi	External Temp & Humi
Network		Lora	Lora
Sensor Type		Temp and humi integrated sensor	Temp and humi integrated sensor
Temperature Range		-20°C~50°C 0%RH-99%RH	-40°C-85°C 0%RH-99%RH
Sensor Accuracy		±0.3°C(-20°C~40°C), ±0.5°C	±0.3°C(-20°C~40°C), ±0.5°C
		Humi accuracy±3%RH	Humi accuracy±3%RH
Storage Cap		32000 Points	32000 Points
Connection		Micro USB(Recharge and data output)	Micro USB(Recharge and data output)
Battery Volume		3200MAH Chargeable Lithium Battery	3200MAH Chargeable Lithium Battery
Power Adapter		5V/1A	5V/1A
Protection Class		Built-inIP65	External IP64
Product Size		110*70*18mm	110*70*18mm