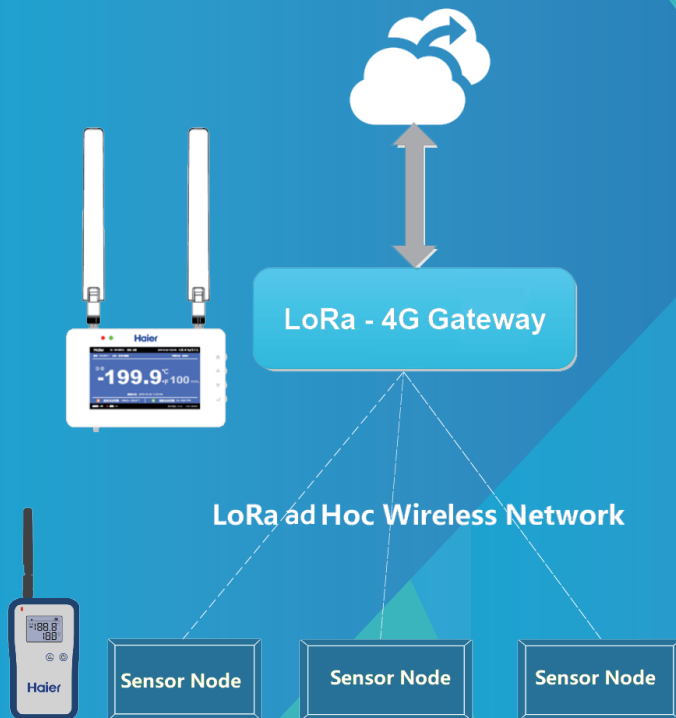


# Remote Temperature Monitoring System



## Application

For the real-time temperature monitoring of activities including the warehousing, distribution and laboratory preparation/storage of medicines, vaccines, blood, reagents, biological products and tissues etc. Primarily focused on cold storage from  $-196^{\circ}\text{C}$  to  $+8^{\circ}\text{C}$ , they can also be used for incubators, climate chambers and drying ovens up to  $+150^{\circ}\text{C}$ . Can also monitor power/door status and humidity.

## Features

- LoRa wireless ad hoc network communication technology, strong adaptability
- Smart gateway with backup battery, supports data breakpoint with continued transmission
- Sensors are battery powered, with an expected battery life of up to 3 years
- Real-time display of measurement data
- Suitable for monitoring temperature, humidity, door and power status

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## Technical Parameters



Product	Temperature Data Logger	Door On-off Monitor	Power Outage Monitor
Model	YB-HC600-05	YB-HC600-02	YB-HC600-03
Sensor	One line (5m) digital sensor	One line (3m) digital sensor	One line (3+3m) digital sensor
Measuring Function	Range: -200 to +150°C Precision: 0.1°C Accuracy: ±0.5°C	Door open-close monitoring	Power supply monitoring
Dimension (H*W*D mm)	125*73*23		
Battery	3.6V/5400mAh		
Communication	LoRa		
Display	LCD display, real-time display of measured data, such as battery level, signal strength.		
Local-storage	Local storage data of 60,000 sets and it supports breakpoint continued transmission		



Product	Smart Gateway
Model	YB-HZ600-01
Transit Network	4G
Maximum Number of Transmitters That Can Be Used	60
Dimension (W*H*D mm)	160*100*33
Battery	3.7V/10000mAh
Communication	LoRa
Local-storage	60,000 sets