

U-COO

Remote Temperature Monitoring Device

Remote Temperature Recording:

The external temperature sensor measures the temperature, records and stores the measured temperature values automatically, and transmits them to the platform through GPRS, secure remote platform monitoring.

Application Scenarios

It can be used for real-time monitoring of warehousing and distribution of food, medicine, vaccine, blood, reagents, biological products, biological sample tissue and other items. The application scenarios include refrigerated trucks, incubators, cold rooms, cold packs, refrigerated cabinets, refrigerators and freezers as key examples.

Cloud Platform Website

<http://ems.haierbiomedical.com>

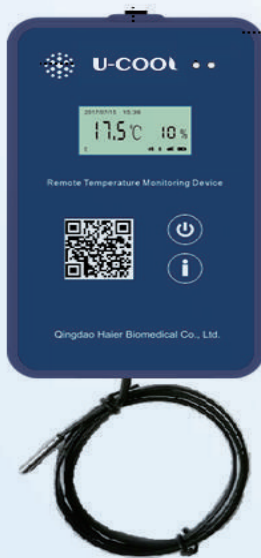


Qingdao Haier Biomedical Co.,Ltd.

No.280 Feng Yuan Road, High-tech Zone,
Qingdao, 266109, P.R. China
Tel: +86-0532-88935593
E-mail: inquiry@haierbiomedical.com
Website: www.haiermedical.com



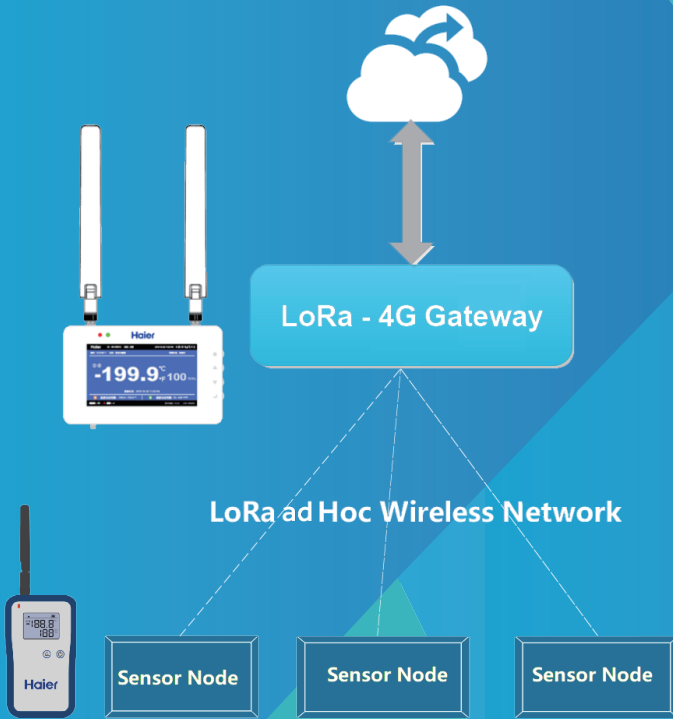
Product Features



- Once powered on, the device immediately uploads the data automatically to the portal. Superior device, one simple activation - no technical skills needed, easy and user friendly.
- Remote portal management platform, which can track temperature, location, signal strength information and has multiple data analysis reports.
- One full charge, more than 10 days of battery life.
- The device supports sound and light alarms.
- USB data export (30 days temperature records).
- High precision, wide range of temperature measurements.
- IP65 protection, waterproof, shockproof and dustproof to fit a variety of complex environments.
- Complies with WHO Standards, WHO prequalified code: E006/060

Item	Specifications
Temperature sensor	NTC sensor: -40℃~+120℃(±0.5℃ within -30℃ to +20℃, ±1℃ for other) PT100 sensor (optional): -200℃~+150℃(±0.3℃)
Environment Sensor	Temperature: -10℃~+55℃ Humidity: 0%RH-99%RH
2G	850M/900M/1800M/1900M
4G	LTE FDD: B1/B3/B5/B8 LTE TDD: B38/B39/B40/B41 WCDMA: B1/B8 TD-SCDMA: B34/B39CDMA: B0 GSM: 900/1800MHz
Storage capacity:	260,000 sets of data,
Battery	Charging voltage: 5V-12V Charging current≤1.5A
Alarm	Audio-visual: Buzzer + LED light
SIM card	Built-in Nano SIM
Map location	Google map and LBS(Location Based Service)
USB	Micro USB: download data /Charging
Material	Shell: PC / Shell jacket: ABS
IP	IP65
Dimensions	114.5 mm *71.5 mm *22mm

Temperature Data Logger



Application

- * Temperature monitoring in cold rooms.
- * After receiving the measured data such as temperature, the data is then sent via the LoRa wireless network, it will send data to the server by 4G.

Features

- LoRa wireless ad hoc network communication technology, strong adaptability
- Smart gateway with backup battery, supports data breakpoint with continued transmission
- Powered by battery, the battery life is more than 1 year
- Real-time display of measurement data
- Can achieve the monitoring of cold room door, warehouse door and other door body open-close usage activity
- Can monitor whether the power supply of the public grid is at normal capacity

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Technical Parameters



Product	Temperature Data Logger	Door On-off Monitor	Power Outage Monitor
Model	YB-HC600-01	YB-HC600-02	YB-HC600-03
Sensor	One line (2m) digital sensor	One line (3m) digital sensor	One line (3+3m) digital sensor
Measuring Function	Range: -40~80°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 electric quantity, signal strength, etc.		
Local-storage	Local storage data of 60000 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	30
Dimension (W*H*D mm)	160*100*33
Battery	3.7V/10000mAh
Communication	LoRa
Local-storage	60000 sets