

# 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, door and power status

### Qingdao Haier Biomedical Co.,Ltd.

No.280 Feng Yuan Road, High-tech Zone,  
Qingdao, 266109, P.R. China  
E-mail: [inquiry@haierbiomedical.com](mailto:inquiry@haierbiomedical.com)  
Website: [www.haiermedical.com](http://www.haiermedical.com)



Haier Biomedical  
International



Haier Biomedical  
International



@haiermedicalint



Haier Biomedical  
International



Haier Biomedical  
International

## 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 (5m) digital sensor	One line (3m) digital sensor	One line (3+3m) digital sensor
Measuring Function	Temperature Range: NTC Sensor: -40°C~+80°C PT100 Sensor (optional): -199°C~+199°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, 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 SIM card/LAN
Maximum Number of Transmitters That Can Be Used (pcs)	60
Dimension (W*H*D mm)	160*100*33
Battery	3.7V/10000mAh
Communication	LoRa
Local-storage	60000 sets

\*Haier Biomedical reserves the right to change products and specifications without prior notice.