Haier Biomedical
Intelligent Protection of Life Science

Remote Temperature Monitoring Device

U-COOL-PRO

Scope of Application :

For the real-time temperature monitoring of activities including the warehousing, distribution and laboratory preparation and storage of medicines, vaccines, blood, reagents, biological products and tissues etc. Primarily focused on cold storage from -196°C to +8°C, it can also be used for incubators, climate chambers and drying ovens up to +150°C.

Innovative Design

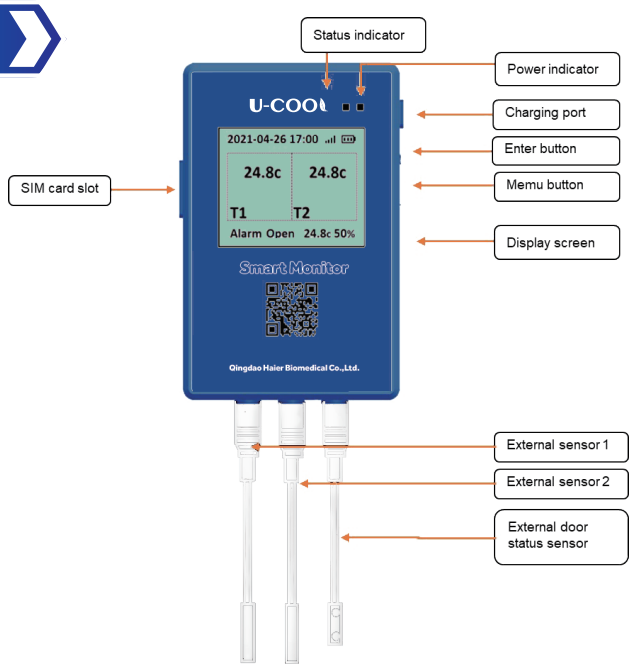
- Remote platform monitoring
- LBS base station positioning
- Sensor is user configurable, and automatically uploads data to the online portal
- High accuracy
- User configurable
- Unplug and replace sensors as required
- Support 4G/3G/2G signal
- Live sensor location can be displayed on GoogleMaps
- USB data export (30 days temperature record)
- The device supports a local sound/light alarm
- One full charge, more than 5 days of battery life (In good signal area)

Qingdao Haier Biomedical Co.,Ltd.

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

Haier Biomedical International | Haier Biomedical International | @haiermedicalint | Haier Biomedical International | Haier Biomedical International

Product Parts Diagram



Specifications

Item	Specifications
Model	U-Cool-Pro
Temperature Sensor	2 Pluggable Digital temperature sensors (or PT100 optional)
Temperature Range	NTC sensor: -40°C~+65°C PT100 sensor(optional): -200°C~+150°C
Accuracy	NTC sensor:±0.5°C within 0°C to +65°C, ±1°C within -40°C to +0°C PT100 sensor (optional) ±0.3°C
Door Sensor	1 Pluggable Reed Switch sensor
Battery	Lithium battery: 4000mAh
Alarm	Audio-visual: buzzer + LED light
Map Location	Google map and LBS (Location Based Service-Mobile Base Station Positioning)
USB	Micro USB: download data /charging
Material	Shell: PC
IP	IP64
Dimension	112mm*75mm*21mm
Communication Network Mode	4G/3G/2G
Charging Voltage	5V~12V
Charging Current	≤1A
Working Current	≤2A
Working Temperature	-10°C~+55°C
SIM Card	Micro SIM Card
USB	Micro USB, supports charging; When the device is turned off, it can be connected to the computer as a Flash drive to export data in PDF/TXT format. When the device is turned on, it can be connected to the computer as a virtual serial port, which can then be configured using the configuration tool.

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