



Remote Temperature Monitoring Device

Scope of 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°C to $+8^{\circ}\text{C}$, they can also be used for incubators, climate chambers and drying ovens up to $+150^{\circ}\text{C}$.

Innovative Design

- Remote platform monitoring
- LBS base station positioning
- Sensor is user configurable, and automatically uploads data to the online portal whilst in signal and powered
- High accuracy
- User configurable
- 2 replaceable temperature sensors and 1 replaceable magnetic reed door switch
- USB data export (30 days temperature record)
- Support 4G/3G/2G signal
- Sensor position can be determined using LBS base positioning, which triangulates position based on GSM signal and doesn't require an open sky. This makes it great for monitoring units during transport
- The device supports a local sound/light alarm (disabled by default)
- 10-day battery life to allow long periods without a mains power supply

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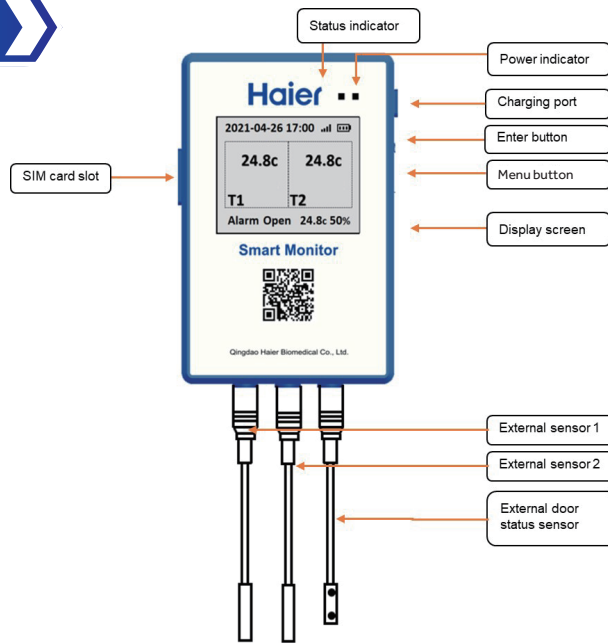
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Remote Temperature Monitoring Device

Product Parts Diagram



Specifications

Item	Specifications
Model	U-Cool-Pro
Temperature Sensor	2 Pluggable PT100 temperature sensors
Temperature Range	PT100 sensor: -200°C~+150°C
Accuracy	PT100 sensor: ±0.5°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, support 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.