

# Specification of intelligent temperature measuring Bracelet

XY-A03



## Product description

The xy-a03 is responsible for collecting the wrist temperature and ambient temperature of the wearer (the measurement frequency can be adjusted freely from 1 minute to 24 hours), and uploading it to the background through the nano sim. Using low power nbiot technology, it has the characteristics of long-distance identification, multi Bracelet anti-collision and low power consumption. It is suitable for isolated places, cold chain logistics, markets, supermarkets, schools, nursing homes and nursing homes, as well as high-risk groups (such as bus, taxi drivers, takeout boys) and other personnel intensive places;Real time temperature monitoring, one key help, position monitoring and other functions.



- ① LED display: body temperature, time, step, power, etc.
- ② Indicator light: charging prompt, help prompt, etc
- ③ Nano card slot: use Telecom or mobile NB Internet of things card, waterproof drawer card loading way, flexible choice of operators.
- ④ Touch key: internal integrated environment monitoring sensor, touch function switch key.
- ⑤ Magnetic suction charging: automatic closing, no need to plug, more convenient.
- ⑥ Wrist temperature sensor: used to measure the hand temperature, combined with the ambient temperature compensation to calculate the body temperature.
- ⑦ Metal electrode: used to detect wearing status.

The xy-a03 bracelet is small, light and waterproof, suitable for all-weather wear. The bracelet supports SOS one key alarm, which can realize real-time collection of health data such as body temperature, step and sleep, and transmit them to the monitoring platform and mobile app through SIM card. The bracelet is equipped with GPS / BeiDou, Wi-Fi and motion sensors to achieve indoor and outdoor seamless positioning; Low power Bluetooth BLE can achieve more accurate indoor positioning. The wristband can be replaced, and 13.56MHz IC card can be built in to realize access control and card payment.



## 2、Parameter specification

Fuselage size	43*23*13mm	Product color	black
Product material	plastic cement	Communication network	Nbiot850 / 900MHz mobile telecommunication
Sim	Nano sim	Positioning mode	GPS, Beidou, Wi Fi
Product weight	30g	Bluetooth function	BLE4.2
display	0.49inch	Waterproof grade	Life waterproof
Battery capacity	160mAh	Working hours	About one week
Charging line	Magnetic double contact	13.56M	support
Electronic fence	support	caution function	SOS, low power, shutdown alarm, wear detection, etc
Historical track	support		
Heart rate detection	Optional	Step counting function	support

### 3、 Platform support

Wechat appletScan to identify the QR code in the picture



Computer end background managementhttp://location.nn3600.com/



体温监测预警平台

报警设置

设备管理

人员管理

系统设置

微信设置

体温监测中心

综合统计

历史体温查询

体温异常查询

实时体温查询

个人历史平均体温

实时体温查询

所属机构

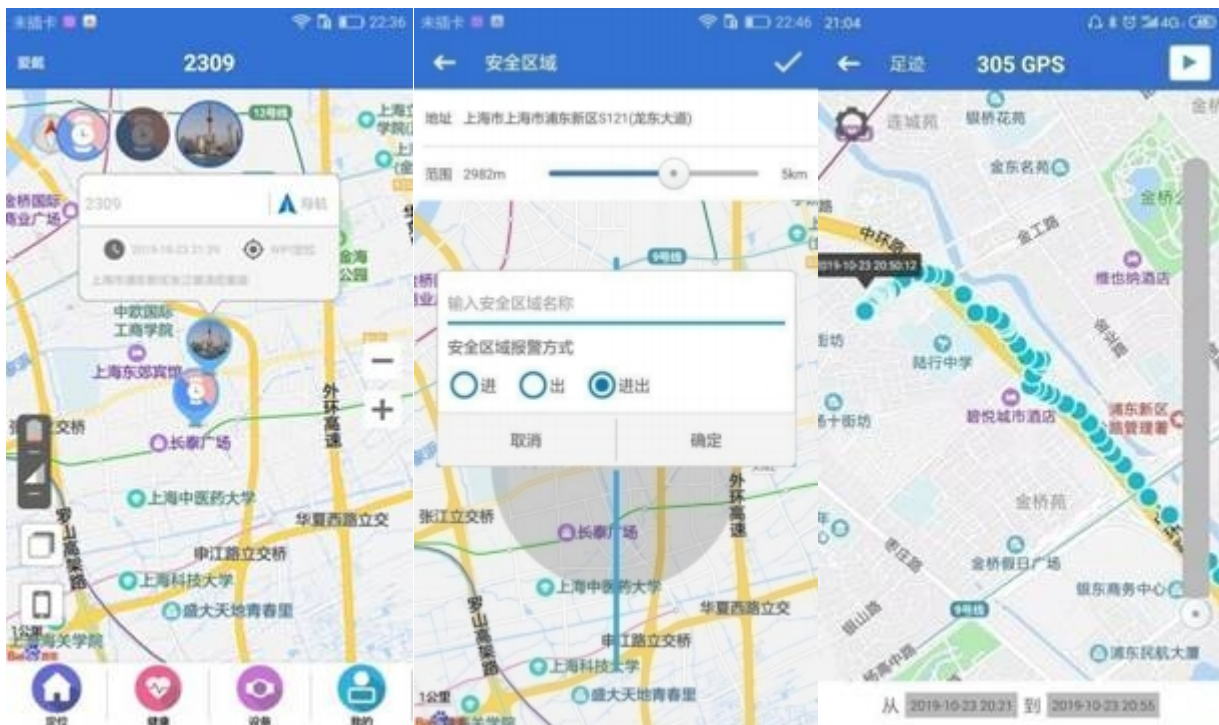
姓名/工号

查询

导出Excel

姓名	卡号	机构	具体位置	体温	状态	电量	采集时间
张三	00060	小学一年级2班	5班教室	37.1	体温正常	正常	2020-11-17 16:25:50
李四	00060	小学一年级2班	5班教室	37	体温正常	正常	2020-11-17 12:25:43
王五	00060	小学2019级2班	2班教室	37	体温正常	正常	2020-11-17 16:56:08
赵六	00060	小学四年级三班	6班教室	36.9	体温正常	正常	2020-11-17 16:03:55
钱七	00060	小学四年级三班	6班教室	36.9	体温正常	正常	2020-11-17 16:35:39
孙八	00060	小学四年级二班	6班教室	36.8	体温正常	正常	2020-11-17 16:02:36
周九	00040	小学一年级8班	5班教室	36.8	体温正常	正常	2020-11-17 16:15:55
吴十	00060	小学一年级2班	5班教室	36.7	体温正常	正常	2020-11-17 16:24:29
郑十一	00060	小学一年级2班	(7)	36.7	体温正常	正常	2020-11-17 16:30:38
冯十二	00060	小学四年级一班	6班教室	36.7	体温正常	正常	2020-11-17 15:51:51
陈十三	00030	小学四年级	6班教室	36.7	体温正常	正常	2020-11-17 11:52:36
林十四	00060	小学一年级2班	5班教室	36.7	体温正常	正常	2020-11-17 16:37:49
周十五	00060	小学一年级2班	5班教室	36.7	体温正常	正常	2020-11-17 16:22:18
吴十六	00060	小学一年级2班	5班教室	36.7	体温正常	正常	2020-11-17 16:20:30
冯十七	00060	小学一年级2班	5班教室	36.6	体温正常	正常	2020-11-17 16:20:23

#### 4、GPS + Beidou positioning function can query real-time positioning, track, and navigation at any time



#### 5、Security alert

1. Body temperature over 37.3° Prompt administrator immediately
2. In case of danger, press SOS key to protect the safety at all times
3. According to other user-defined conditions, alert trigger conditions can be set

#### 6、Bracelet application

The xy-a03 smart temperature measuring bracelet of Xinyao technology supports the timing test of body temperature (the accuracy of body temperature is  $1 \pm 0.05^\circ$ ), To reduce the difficulty of unified temperature measurement, the test data can be uploaded to the unified management background in real time to monitor the abnormal temperature crowd in real time and lock the personnel position (Suitable for schools, hospitals, nursing homes, sanitation, construction sites, justice and other common scenes and crowd use).

## 7、Precautions



1. Do not store in a high temperature environment over 85 °C

Or use in ultra-low temperature environment with temperature lower than 10 °C!

2. Do not use sharp tools to damage.

3. Do not place near corrosive objects.

4. Do not change the parameters, specifications and models of components at will during maintenance.

5. Do not put the bracelet in a closed space.

6. Don't bump the bracelet violently.

7. Do not squeeze the bracelet with heavy objects.

8. It can only be used for domestic waterproof, not for water.

9. Wear the bracelet 5 minutes in advance and then measure the temperature, otherwise it may be too hot

The temperature is low.

10. Wet hands affect the temperature, wait more than 10 minutes to return to normal temperature.

11. Children should wear and charge under the supervision of their parents.

12. This product is only for epidemic prevention screening, not as a diagnostic basis for medical institutions.

13. The right of final interpretation of this product belongs to Guangzhou Xinyao Technology Co., Ltd.