

SMART RING

戒指产品说明书

前置条件

- 1、首次佩戴前连接充电器激活开机，确保戒指检测灯开启（红色：充电中，绿色：已充满）
- 2、打开“Hi Ring”，注册并登录APP，打开所有受理权限
- 3、APP首页右上角>扫描设备
- 4、选择对应的蓝牙名称点击“连接”
- 5、连接成功时，可以通过已连接手机上的APP查看智能戒指的连接状态或剩余电池电量，以及测得的健康数据。



主动测量说明

测量心率血氧

- 1、将戒指戴在手上，检查logo标志是否朝上，椭圆凹槽朝下，正对指腹的位置；
- 2、点击指环测量，请勿移动、说话、手部静止30秒不要动等待结果即可。

心律失常检测

- 1、将戒指戴在手上，检查灯即椭圆凹槽正对着指腹位置；
- 2、点击开始测量，手部静止45秒不要动等待结果；
- 3、若45秒后没有结果请继续保持，戒指采集的数据时长不够，需多等待几秒即可。

自动测量说明

- 1、戒指佩戴时，检查灯即椭圆凹槽位置必须正对着指腹。
- 数据报告一小时自动上传一次



戒指常见问题

一、手机APP绑定戒指注意事项

- 1、确保“手机”蓝牙是开启的状态。
- 2、App连接戒指时，确保戒指电量充足，手机尽量靠近戒指，选择蓝牙信号数据小的。
- 3、确保设备未与其他手机连接，已被其他手机连接，需关闭已连接手机的蓝牙或与APP断开连接。

二、主动测量失败

- 1、主动测量时请保持安静、不要说话，不要有大幅度动作。
- 2、佩戴时请将戒指灯珠处对应指腹区域（佩戴不正确会产生数据记录不正确）

三、戒指测量心率、血氧数据异常原因

- 1、一般为测量时，戒指佩戴过松，感应器可能无法测量健康数据工作。为了准确测量，测量时，请将智能戒指佩戴牢固贴合，注意感应器与手指充分接触。

四、睡眠数据异常原因

- 1、睡眠监测是模拟人的自主入睡及起床时间状态，需要正确佩戴。
- 2、入睡太晚或入睡时才佩戴，可能出现误差。
- 3、白天不监测睡眠数据，默认睡眠监测为晚上20:00至次日上午08:00。

五、数据缺失问题

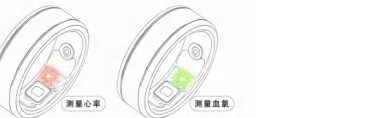
- 1、戒指与手指未充分接触，导致测量数据少。
- 2、戒指长时间未与手机APP同步数据导致数据丢失。

六、指示灯相关

- 1、充电时，红灯常亮表示正在充电，绿灯常亮表示已充满。



- 2、主动测量时，绿灯闪烁表示正在测量心率。红灯闪烁表示正在测量血氧。



- 3、查找设备时，绿灯闪烁。



七、戒指升级相关

- 1、戒指有新版本时APP会提示升级，也可在戒指详情页面OTA升级进行戒指升级。
- 2、OTA升级时，需确保戒指电量大于80%，靠近手机，不要中断连接或切换页面。
- 3、手机应用市场下载：搜索“Hi Ring”下载或扫码下载。



售后服务

软件问题

- 保修期：一年。
- 退换货政策：产品购买后出现软件质量问题，可以退换货。

人为损坏

- 产品佩戴表面磨损为正常现象不保修。

注意事项

- 1、贵金属戒身避免接触各类化妆品或化学物品(如万花油、驱风油、漂白水、杀虫剂、腐蚀性液体等),游泳池的消毒剂或海水中的盐分会影响设备的防水功能，一旦碰到，要及时清洗干净，以免引起变色、脱落或其他损失；

- 2、智能戒指的正常使用过程中出现的刮擦不在包修范围内，请始终谨慎使用智能戒指；

- 提举或搬运重物，使用器械锻炼时，请将智能戒指从手指上取下，避免智能戒指伤到手指；

- 3、本产品的测量结果仅供参考，不作为任何医疗用途及依据请遵从医生指导，切不可以此测量结果自我诊断及治疗；

- 4、不可用于深度潜水以及长时间泡在水中。另外，本产品不宜接触热水，水蒸气会对戒指造成影响；

- 5、请勿在潮湿有水的环境下充电；

- 6、请定期用干净的绒布清洁戒指背面的磁吸充电孔，以保证正常充电，本产品不配备电源适配器，为保证家人及财产安全，在充电时，可使用电脑USB接口或选用输出不超过5V1A的电源适配器，避免引起爆裂或起火。

SMART RING

Ring Product Manual

Preconditions

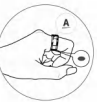
- **Activate the Ring Before First Use:** Connect the charger to activate and power on the device. Ensure that the ring's indicator light is illuminated (Red: Charging, Green: Fully Charged).
- **Install and Log in to the App:** Open the "Hi Ring" app, register an account, and log in. Make sure to grant all required permissions.
- **Scan for Device:** Tap the "Scan Device" icon in the top-right corner of the app's home screen.
- **Connect to the Device:** Select the appropriate Bluetooth device name and tap "Connect."
- **Verify Connection:** Once connected, you can view the ring's connection status, remaining battery level, and recorded health data through the app on your connected phone.



Active Measurement Instructions

Measuring Heart Rate and Blood Oxygen

- **Wear the Ring:** Place the ring on your finger, ensuring the logo is facing up and the oval groove is facing down, directly aligned with the fingertip.
- **Start Measurement:** Tap the ring to begin measurement. Remain still, avoid speaking, and keep your hand steady for 30 seconds while waiting for the result.



Arrhythmia Detection

- **Wear the Ring:** Ensure the light and oval groove are properly aligned with the fingertip.
- **Start Measurement:** Tap to begin. Keep your hand still for 45 seconds while waiting for the result.
- If there is no result after 45 seconds, continue to hold still, as the data collection time may not have been sufficient. Wait a few more seconds to complete the measurement.

Automatic Daily Measurement

- **Wear the Ring:** Ensure the light and oval groove are aligned with the fingertip.
- Data Upload: The data will be automatically uploaded every hour.

Common Issues

1. Binding the Ring to the App

- Ensure Bluetooth is enabled on your phone.
- When connecting the app to the ring, ensure that the ring's battery is sufficiently charged. Keep the phone close to the ring and choose a Bluetooth signal with minimal interference.
- Ensure the ring is not connected to another phone. If it is, disconnect from the other device by turning off Bluetooth or disconnecting through the app.

2. Active Measurement Failure

- During measurements, remain quiet, avoid speaking, and refrain from any large movements.
- Ensure the indicator light is aligned correctly with the fingertip. (Improper wearing may result in inaccurate data recording.)

3. Heart Rate and Blood Oxygen Measurement Issues

- This can occur if the ring is worn too loosely, preventing the sensors from capturing accurate data. For optimal measurement, wear the ring snugly, ensuring full contact between the sensor and the finger.

4. Sleep Data Issues

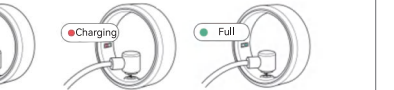
- Sleep monitoring mimics natural sleep and wake cycles and requires proper wearing:
- Wearing the ring too late or only after falling asleep may result in inaccurate data.
- Sleep data is not monitored during the daytime. By default, sleep monitoring is set for the period from 20:00 in the evening to 08:00 the next morning.

5. Data Loss

- If the ring is not in full contact with the finger, or if it has not synced with the app for an extended period, data may be lost.

6. Indicator Light Behavior

- **Charging:** A steady red light indicates the ring is charging, and a steady green light indicates the device is fully charged.



7. Firmware Updates

- The app will prompt you when a new version is available. You can also upgrade the ring via OTA (Over-the-Air) in the device details section.

8. After-Sales Service

- **During OTA upgrading,** ensure that the ring's battery level is above 80%, keep it close to the phone, and avoid interrupting the connection or switching pages.
 - **App Download:** Search for "Hi Ring" in the app store or scan the QR code to download the app.
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- Software Issues**
- Warranty Period: 1 year.
- Return/Exchange Policy: If the product experiences software issues after purchase, it can be returned or exchanged.

9. Damage Due to User Handling

- Normal wear and tear (e.g., surface scratches) due to regular use is not covered under warranty.

Important Notes

- **Avoid Contact with Cosmetics and Chemicals:** Do not allow the precious metal ring to come into contact with cosmetics or chemicals (e.g., nail polish remover, insect repellent, bleach, corrosive liquids), swimming pool disinfectants, or seawater, as they can affect the device's waterproof functionality. If such substances come into contact with the ring, clean it immediately to avoid discoloration, peeling, or other damage.
- **Wear and Tear:** Scratches and abrasions from normal use are not covered under warranty. Handle the ring with care. Heavy Lifting and Exercise: Remove the ring when lifting heavy objects or using exercise equipment to avoid injury to yourself or damage to the ring.
- **Measurement Results:** The data provided by the device is for informational purposes only and is not intended for medical use.

10. Always consult with a healthcare professional for diagnosis and treatment.

- **Water Exposure:** The ring is not designed for deep diving or prolonged immersion in water. Avoid exposing the ring to hot water or steam, as this may damage the device.
- **Charging Conditions:** Do not charge the ring in damp or wet environments. Regularly clean the magnetic charging port on the back of the ring with a soft cloth to ensure proper charging.
- **Power Adapter:** The product does not include a power adapter. For safety, charge using a USB port from your computer or a power adapter with an output not exceeding 5V1A to avoid the risk of explosion or fire.

Federal Communications Commission (FCC) Statement.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide Reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by **Shenzhen Huateng Lanyi Industrial Co., Ltd** may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF exposure statement:

This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. The device is installed and operated without restriction.