Product Name	GAOTek Healthcare Smart Ring
Product SKU	GAOTek-HI-142
Product URL	https://gaotek.com/product/gaotek-healthcare-smart-ring/

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Based in New York City & Toronto, GAO Tek Inc. is ranked as one of the top 10 global B2B technology suppliers. GAO ships overnight within the U.S. & Canada & provides top-notch support thanks to its 4 decades of experienc

1. ALL FEATURES

• **Sleep Monitoring**

- Awake / Light sleep / Deep sleep / REM sleep

- Sleep time / Time in bed

• **Sleep and Readiness Scores**

- Understand your body in a completely new way through two simple scores based off yourbody's personal baselines.

• **Trends**

- See daily, weekly, and monthly calendar views of your key body metrics

• **24/7 Heart Rate**

- Learn how your body responds to your daily habits and choices by following your heart ratefrom morning to night

• **SpO2 sensing**

- Measures blood oxygen levels while you sleep

• **Tags**

- Helps you understand how a specific activity, feeling, or choice affects your quality of sleep and Readiness

• **Finger skin temperature fluctuation**

- Learn your temperature baseline during sleep and calculate the daily temperature fluctuation value from the baseline.

• **Activity Goals**

- Three circles representing different activities, providing personalized activity goals and baseline goal numbers.

• **Workout**

- Walking, Indoor Running, Outdoor Running

- Indoor cycling, outdoor cycling, mountain biking

- Swimming

• Mindfulness

2. CONNECTIVITY

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• **Bluetooth Low-Energy (Bluetooth 5.1)**
• **Automatic firmware updates via App**
• **App operating system requirements**

- Android 6.0 or Higher

- iOS 13.0 or Higher

• **SDK available for core partner**

- iOS ObjC / Swift SDK

- Android Java SDK

- JavaScript SDK

- React Native SDK

• **NFC (ST NFC Chip)**

- Supports all ISO 15693 modulations, coding, subcarriermodes and data

- Custom fast read access up to 53 kbit/s

- Single and multiple (up to four) blocks write or read

- Up to 64 Kbit of EEPROM

- Mainly used for bus ticket and door access card

• **NFC (Other Brand)**

- Supports ISO 14443-3A (Optional)

3. SENSORS

- Green LED (optical heart rate sensor)

- Red LED (blood oxygen sensor)

- Infrared Photoplethysmography (PPG) sensor

- Skin temperature sensors

- Photodiode

- 3D Accelerometer

4. MATERIALS

- Durable Titanium

- PVD Coating
- Non-Allergenic, Non-Metallic, SeamlessInner Molding
- Water resistant up to 50m (more than 164 ft.)

5. BATTERY AND POWER

- 5 to 7 days of battery life
- Full Charge in 30 to 90 minutes
- NFC Wireless charging

6. WEIGHT AND DIMENSIONS

- Width: 7.9mm
- Thickness: 2.8mm - Size of a Wedding Band
- 6, 7, 8, 9, 10, 11, 12, 13 total 8 Ring Size
- Weight: 4 to 6 grams (depending on ring size)
  lighter than a conventional ring
- Color: Silver, Black, Golden, Rose gold

7. STORAGE AND TRANSPORTCONDITION

- Storage Temperature: -25 to 70°C / -13 to 158°F
- Working Temperature: -10 to 55°C / 14 to 131°F
- Charging Temperature: 0 to 45°C / 32 to113°F(Room temperature recommend)
- Relative Humidity: 5 to 93%, noncondensing
- Atmospheric Pressure: 50 to 106 kPa

8. PACKAGE INCLUDES

- Wireless Ring
- Wireless Charging Dock
- USB Power Cable
- Quick Guide
- Important Information

9. WARRANTY

- 1-year limited hardware

10. FEATURE SPOTLIGHT

• 2 daily scores to guide you

- Understand your body in a completely newway through two simple scores.

• Research-Grade Sensors

- Monitoring your sleep, activity, recovery, temperature, heart rate, stress, and more.

• Award-Winning Design

- Comfortable and timeless ring design, IP68 water resistant and super light - perfect for every occasion from work to workout to night out.

• More Accurate from the Finger

- The finger's pulse signal is stronger and more accurate than the wrist, making it an ideal source of accurate heart rate data, and is more sensitive to motion and more accurate across all skin tones.

• Ultra-high Accuracy

- 99% heart rate measurement accuracy and 98% HRV measurement accuracy.

• Long Battery Life

- 5-7 days of battery life (full charge in 30-90minutes).

• Readiness

- Readiness is a holistic picture of your health, taking into account your recent activity, sleep patterns, and key biometric signals.

- **Decipher your Sleep**

- Determine the time spent in each sleep stage (light, deep sleep, REM sleep) and the quality of your sleep by taking into account key vital signs such as your body temperature, heart rate and HRV through our new state-of-the-art sleep algorithm.

• Automatic Nap Detection

- Automatically record your naps and adjustyour daily scores.

• SpO2 Sensing

- Sense your blood oxygen level while you sleep, giving you a more accurate picture ofthe quality of your night's rest.

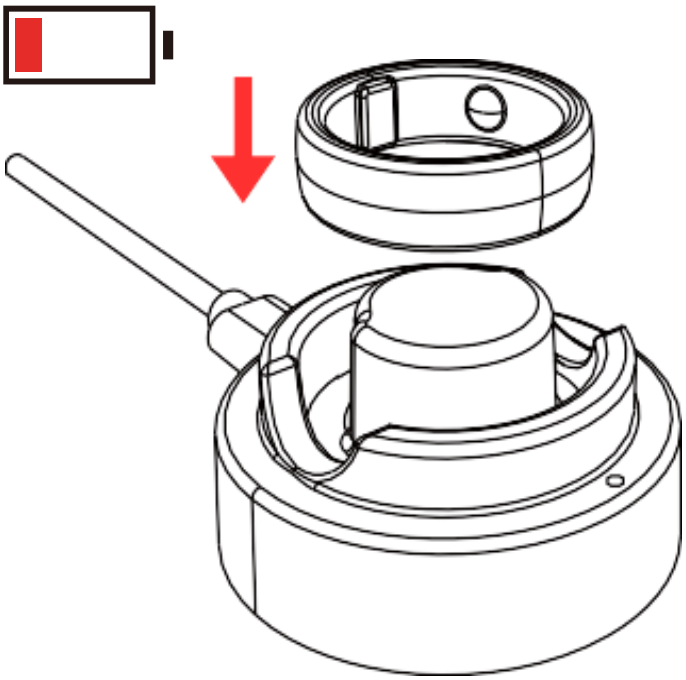
• Activity Goals

- The activity is showed for you by three activity circles, including daily steps, activity calories, and activity distance.

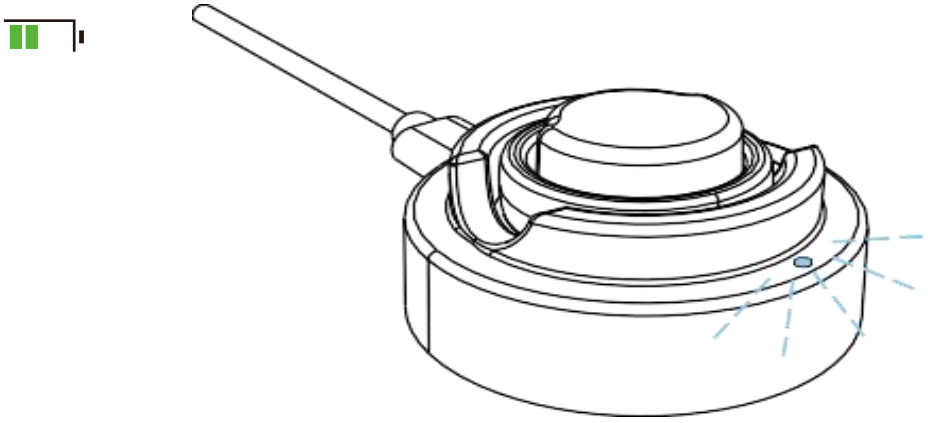
• **Workout Heart Rate and Insights**

- Track your HR during your workouts, and receive post-workout insights that include key HR stats, distance, and HR recovery.

11. LOW BATTERY



12. SLOWLY PULSING WHITE LIGHT INDICATES YOUR RING IS CHARGING



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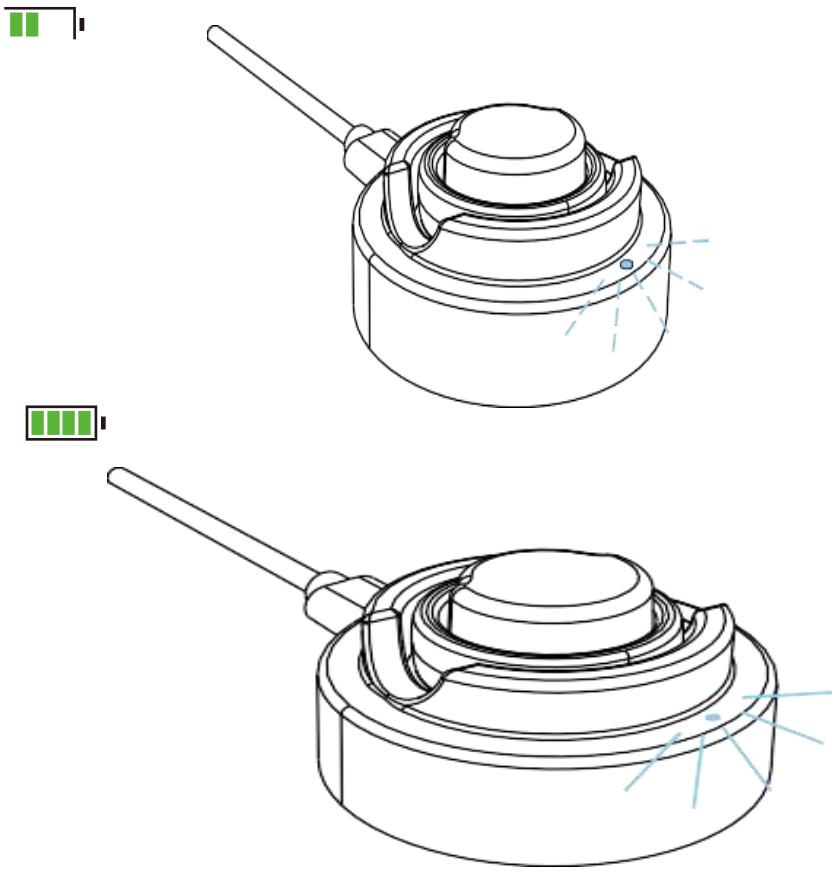
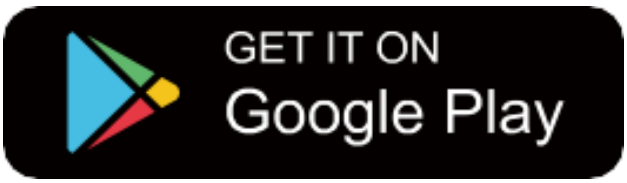


14. DOWNLOAD RING APP

Download on the
App Store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