

RingConn Gen 2: Ultimate Lightness, 12 Days Battery



Next-Gen Smart Ring: AI-Powered Sleep Health Tracking| Thinnest & Lightest| 12-Day Battery Life| IP68| iOS/Android| No Subscription Fee

Buy on RingConn Store

Created by
RingConn

18,428 backers pledged \$4,415,966 to help bring this project to life.

Last updated December 23, 2024

Campaign

Rewards

Creator New

FAQ 36

Updates 10

Comments 6,813

Community



Funding period

Aug 1 2024 - Sep 15 2024 (45 days)

RingConn Gen 2: Ultimate Lightness, 12 Days Battery

\$4,415,966

pledged of \$50,000 goal

18,428

backers

[Project We Love](#) [Wilmington, DE](#) [Wearables](#)

We are RingConn

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We are RingConn



RingConn Aftercare

About RingConn

Manufacturing

RingConn is back with the RingConn Gen 2 on crowdfunding! We've established a reputation for delivering high-quality technology, and our community has been instrumental in our success. The previous generation, RingConn Gen 1, was a super successful product, selling in **over 50+ countries worldwide**. It also received prestigious awards like the **2024 iF Design Award** and **Good Design Award**. RingConn is well-certified, backed by numerous scientific papers and studies. With this track record, we're excited to introduce the next evolution, **RingConn Gen 2**, to our loyal community.



Pioneering health tech
innovation, trusted by
40,000+ users worldwide.



A Snapshot of
RingConn Gen 2



A groundbreaking lightweight smart ring designed to redefine wearable health technology. Featuring the **thinnest and lightest design**, industry-leading comfort, **10-12 days*** **battery life**, and **comprehensive health tracking**, it empowers you to take control of your well-being. Access valuable data and insights, including **AI-powered sleep health tracking**, all with no subscription fees. We have already entered mass production and will be shipping in late September!

AI-Powered Sleep Health Tracking



Thinnest & Lightest Smart Ring



Longest Battery Life



Comprehensive Health Tracking





“If it can repeat that trick, the Gen 2 could certainly become a good-value alternative to the Samsung Galaxy Ring and the best smart rings so far. But we’ll be withholding our final judgment until we’ve fully tested the two side by side, of course.”

techradar

“Affordable, lightweight, and packed with essential health features, RingConn's second wearable is an excellent option for those on a tight budget.”

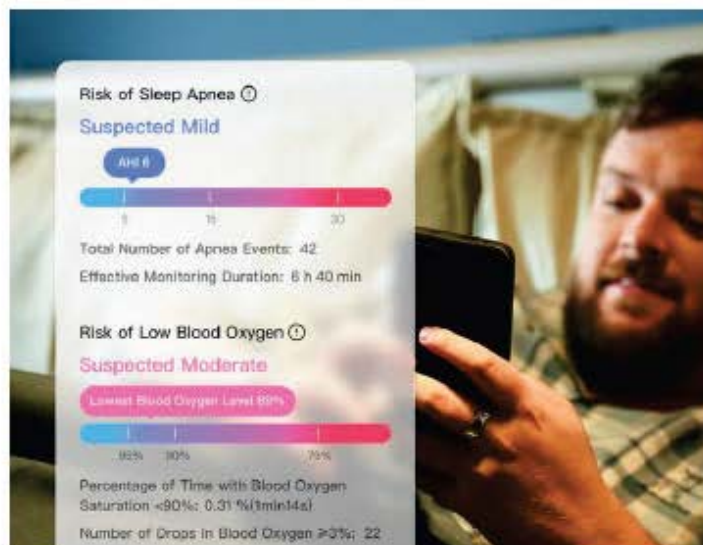


Game-Changing Sleep Advancement



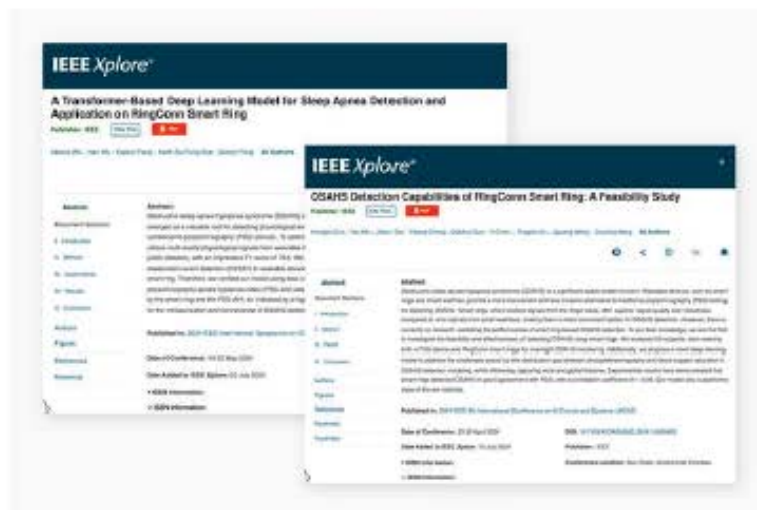
AI-Powered Sleep Health Tracking

RingConn Gen 2 is the **first smart ring** to leverage advanced AI, providing insights into **sleep health factors** like nighttime breathing and respiratory variations. Featuring next-gen sensors, these AI-powered insights offer precise, personalized recommendations to enhance your sleep quality and overall well-being, with an **impressive 90.7% accuracy** in identifying sleep risk events.



RingConn's Research Breakthroughs

RingConn has collaborated extensively with top universities and hospitals in sleep health research. In 2024, RingConn presented a groundbreaking **transformer-based deep learning model** for sleep apnea* detection at a prestigious IEEE conference, demonstrating its ability to accurately **identify critical sleep risk events using advanced AI**. Furthermore, the team introduced a novel deep learning model at another leading IEEE conference, addressing key challenges in **comprehensive sleep health analysis**.



**Benchmark of Slim, Ultralight[®]
Build, Supreme Battery Life**

Minimalist Design

Expertly crafted, the RingConn Gen 2 is so lightweight that it feels almost imperceptible on your finger. This seamless design seamlessly integrates advanced sensors to enable discreet yet comfortable health monitoring. RingConn's innovative hardware, from battery to circuits to charging, has pushed the boundaries of smart ring technology to deliver an unparalleled comfortable wearing experience.



Effortless Charge-Free Days

Setting a new standard for long-lasting power, the RingConn Gen 2 sets a new standard for battery life, able to last **10-12 days** on a single charge, with a cumulative battery life **exceeding 150 days** when paired with the included charging case. It achieves this through optimized light pathways, a next-gen MCU chip, and a revolutionary algorithm that slashes power consumption by an astounding 259%.



Accurate Health Starts on Your Finger

Unlike wrist-worn smartwatches, the RingConn Gen 2 Smart Ring utilizes the finger's thin skin and abundant capillaries for precise tracking. Despite its slim design, the RingConn Gen 2 incorporates advanced PPG sensors, temperature sensors, and 3D accelerometers to ensure exceptional accuracy.



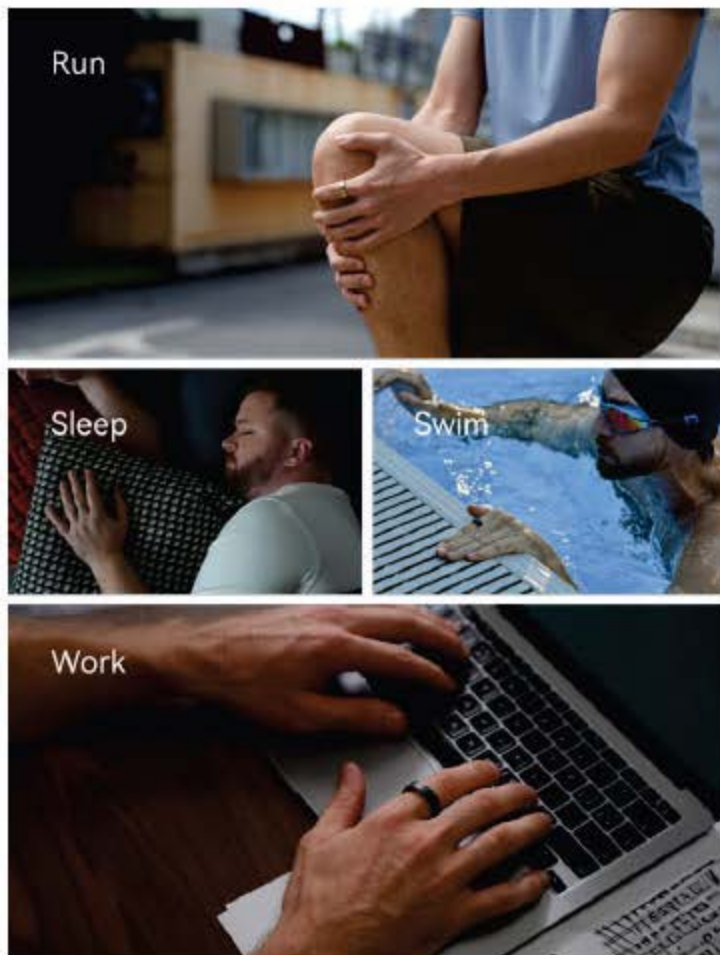
↳ All-Day, All-Condition Use

With an **IP68 rating**, the RingConn Gen 2 is designed to endure various conditions, offering a robust construction that supports worry-free wear during exercise, swimming, or showering. Its durable and weatherproof design ensures continuous health tracking, regardless of your lifestyle.



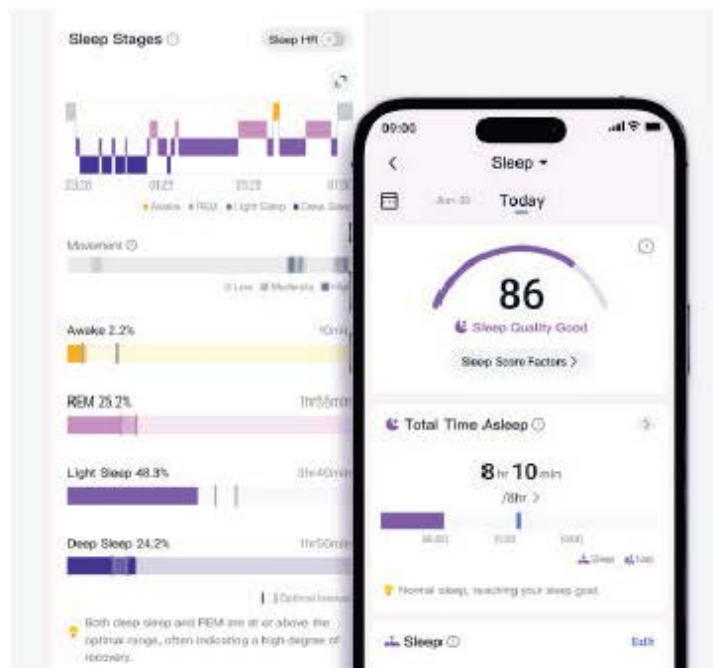
↳ Your Discreet All-Day Health Partner

The RingConn Gen 2 is engineered to be your uninterrupted health partner. Its discreet, low-profile design allows you to wear it around the clock, with the device unobtrusively monitoring your well-being as you go about your day.



Comprehensive Sleep Tracking

Equipped with advanced sleep monitoring features, the RingConn Gen 2 offers a thorough understanding of your sleep. It evaluates your sleep stages, quality, breathing, and overall sleep efficiency, providing detailed reports directly to your mobile device when worn overnight.



Heart Health Insights

RingConn Gen 2 leverages upgraded photoplethysmography (PPG) sensors to provide in-depth insights into your heart health. These enhanced sensors precisely measure subtle changes in blood flow patterns, allowing it to track key metrics like Heart Rate (HR), Heart Rate Variability (HRV), and blood oxygen levels.





Multi-Sport Performance Insights

RingConn Gen 2 seamlessly tracks various sports, including **indoor/outdoor running, walking, and cycling**, providing real-time data on key metrics directly to your smartphone. It integrates effortlessly with a range of top health and fitness apps, such as **Apple Health** and **Google Health Connect**.





Holistic Wellness

RingConn Gen 2 adopts a holistic approach to your well-being. Our stress monitoring system analyzes all-day data to provide a stress index and stress ratio, helping you understand your stress levels. RingConn Gen 2 offers comprehensive menstrual health tracking, enabling users to monitor cycles, predict ovulation, and track symptoms for deeper insights into their patterns.



RingConn App



Uninterrupted Tracking, Seamless Experience

The RingConn Gen 2 features local data backup, allowing for uninterrupted health monitoring even when your smartphone is not connected. The device securely holds your data and syncs it automatically upon reconnection. With **no subscription fees** and **compatibility with both iOS and Android**, the RingConn Gen 2 ensures a smooth and seamless user experience.

No Subscription Fee

Local Data Backup

 iOS

 Android



How We Fare

	 RingConn Gen 2	 O brand	 S brand
Price	Super Early Bird \$209 ~~\$299~~	\$299-349	\$399
Battery Life	10-12days	5-7days	6-7days
Thickness	2mm	2.5-3mm	2.6mm
Width	6.8mm	7.9-9mm	7mm
Weight	2-3g	4-6g	2.3-3g

Water Resistance	IP68	IP68	IP68
System Support	Android & iOS	Android & iOS	Android
Sleep Apnea Monitoring	✓	×	×
Sleep Time Customization	✓	×	×
Portable Charging Case	✓	×	✓
No Subscription Fee	✓	×	✓



Inside the RingConn Gen 2 package, you'll find the smart ring, a charging case, a charging cable, and a comprehensive user manual. We've included everything you need to maximize your experience with the RingConn Gen 2 from the very beginning.



1 Manual Instructions

2 Gen 2 Smart Ring

3 Smart Charging Case

4 USB-C to C Cable

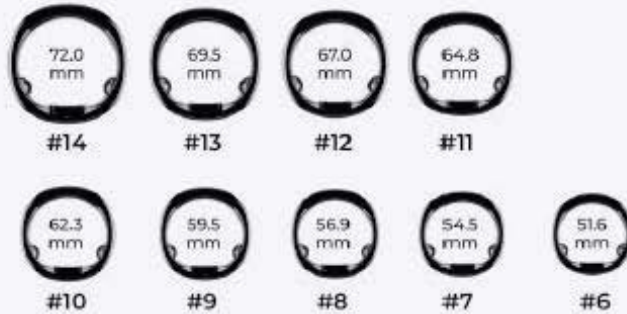
Three Stunning Styles



Get the Right Fit with Our Sizing Kit

Each RingConn Gen 2 order comes with a free sizing kit, featuring a range of sizes (#6 – #14), to help you discover the perfect fit.

Every Finger Finds Its Fit.



Specifications



RingConn Gen 2

Thickness:	2.0mm
Width:	6.8mm
Ring Weight:	2-3 grams
Color:	Gloss finish: Future Silver/Royal Gold Matt finish: Matte Black
Water Resistant Depth:	100m/328ft
Size:	#6-#14
Materials:	Aerospace-grade titanium alloy, Medical-grade epoxy, PVD coating

Smart Charging Case



Battery Capacity:	500 mAh
Charging Method	USB-C Cable & rated 5V
Charging Time	approx.120 minutes for full charge
Charging Case Weight(Net):	80 grams

Add-Ons



Enhance your RingConn Gen 2 experience with our specially designed accessories. The Ring Protector set includes 3 protectors to guard your smart ring against scratches and daily wear. The Charging Dock offers convenient status updates for your charging.

These add-ons are shipped with your RingConn order at no additional shipping cost.

Ring Protector

(Add-Ons Accessories)



S Size:	#6-#8
M Size:	#9-#11
L Size:	#12-#14
Materials:	Medical Silicone

Charging Dock

(Add-Ons Accessories)



Size: 45x45x18.5mm

Charging Time: ≤ 120min

Weight: 50 grams

Output: 5V, 30mA

RingConn Aftercare



Warranty Policy

At RingConn, we provide 1-year warranty in the US and 2 years warranty in the EU. This warranty covers any non-human-induced repairs and includes expert guidance and assistance for inquiries during the warranty period. Please be aware that the warranty duration complies with the consumer laws applicable in the country where the product is purchased.

Customer Service

If you have any questions, feel free to contact us at cs@ringconn.com. Our team would be happy to assist you in any way we can.

About RingConn



Founded in 2021, RingConn is an innovative technology company that integrates "hardware + software + services" into its core mission, aiming to deliver uniquely valuable products and services for human health. By utilizing advanced international technologies in low-power biosignal sensing, biomedical signal processing, and intelligent health algorithms, RingConn has developed innovative smart rings that meet our customers' needs.

RingConn has partnered with over 30 leading international academic and medical institutions and has earned authoritative certifications from 36 countries.



Recap of CES





Recap of IFA



What They're Saying

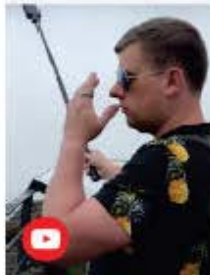
What They're Saying



RingConn smart ring which is the most comfortable health and sleep tracker and comfortable to wear at night. This is the perfect solution to replace my smartwatch for sleep tracking!



Health and wellness are very important to me. I'm always trying to improve in both areas. This Ringconn Smart Ring provided me with useful and eye opening data.



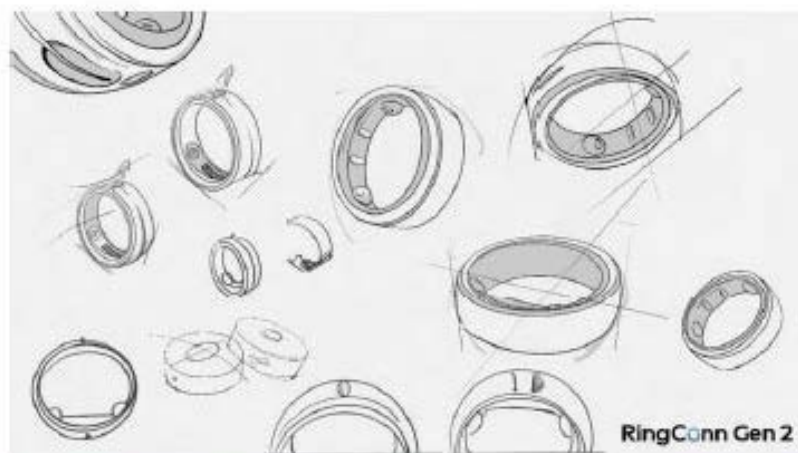
My favorite features first I love how light and compact it is considering all the technology that is crammed into it the ring is made of titanium.

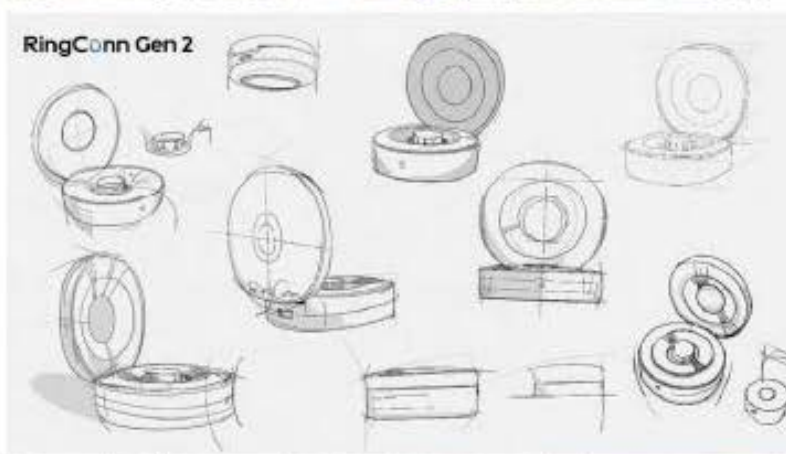


I just got my hands on this incredible smart ring, and I am blown away! This sleek little device is not only a stylish accessory but also a powerhouse of technology.



Certifications





As we near the launch of the RingConn Gen 2 smart ring, our team has been collaborating closely with our manufacturing partners to prepare for mass production, set to begin in August 2024.



Project Timeline

- 2023. Jun.-Sept.  Market Evaluation & Research
- 2023. Sept.-Oct.  Product Design



*Data from RingConn internal testing with sleep apnea monitoring disabled. Battery life varies with ring size; larger sizes offer longer battery life. Data is for reference only. Actual battery life may vary based on individual usage scenarios.

*This product is not a medical device, and you expressly agree that the sleep apnea monitoring services provided by this product do not constitute medical advice. The services provided by this product are not intended to diagnose, treat, cure, or prevent any disease or medical condition. Monitoring data and results are for reference only and should not be used as a basis for diagnosis or treatment. As a pre-diagnostic tool, this product does not replace the diagnosis or treatment by a qualified healthcare professional. If you experience any discomfort, please seek medical attention promptly.

Spread the Word



Share Your Idea with Us





Risks and challenges

Like any crowdfunding venture, there are inherent risks and challenges we need to acknowledge. However, our robust experience in production fuels our confidence in being able to circumvent unexpected issues during the manufacturing process.

In the launch of any new product, it's only natural to encounter surprises along the way. One of the unique aspects of Kickstarter is the invitation it extends to backers to become a part of this creative process, giving you an insider's view into the intricacies of product development and manufacturing.

During the final stages of development and manufacturing, we commit to maintaining open lines of communication, offering regular updates to keep you informed and involved. We truly appreciate your support and understanding as we embark on this journey together, and we strive to ensure your satisfaction with the final product.

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