

Smart Rings

IP68 health tracking rings in ceramic, enamel and antibacterial stainless steel



About This Category

Health and activity tracking rings weighing 3.8 g to 6 g, built on antibacterial austenitic stainless steel, microcrystalline zirconium nano-ceramic or enamel finishes. Sensor stacks combine photoelectric sensors, an accelerometer, optical heart rate and optical blood oxygen, with IP68 rating and magnetic charging.

Who It Is For

- Wearable and digital health brands
- Corporate wellness and insurance programme suppliers
- Jewellery and lifestyle brands entering connected products
- Access control and smart building integrators

How To Specify It

- Choose the shell material first — ceramic, enamel and stainless steel are different tooling routes.
- Confirm which sensors the market claim requires; heart rate, blood oxygen and blood pressure are separate stacks.
- Decide whether NFC access control is in scope before size tooling starts.
- Agree the ring size range and sizing kit for your market at sample stage.

Smart Rings — 6 Models

All specifications below are the published figures for each model.



Smart Ring Antibacterial Stainless Steel

Smart Rings

Weight approximately 6g (±1g)

Battery capacity 18mAh

- Made of austenitic antibacterial stainless steel + transparent epoxy resin
- Multiple sensors running simultaneously for superior performance
- Photoelectric sensor combination, accelerometer, optical heart rate sensor, and optical blood oxygen sensor
- All-day health monitoring
- 24-hour exercise data monitoring

Model page: www.shinetchaudio.com/product/smart-ring-2.html



Smart Ring Enamel Finish

Smart Rings

Weight 3.8g

Battery capacity 20mAh

Charging Magnetic charging

- Enamel craftsmanship, with carved indentations on the outer shell of the ring, filled with special oil paints through multiple processes
- Real-time monitoring of heart rate, blood oxygen, blood pressure, and sleep
- Multiple sports modes, recording exercise data like heart rate, speed, time, etc
- Remote photo-taking function via the app and by shaking the ring to control the phone's camera
- IP68 waterproof and dustproof

In the box: Optional charging case

Model page: www.shinetchaudio.com/product/smart-ring-3.html



Smart Ring Fitness And Sleep

Smart Rings

Weight 3.8g

Battery capacity 20mAh

Charging Magnetic charging

- Fitness, exercise, sleep, and health smart ring
- Sleep monitoring
- Heart rate monitoring
- Blood oxygen monitoring
- Exercise monitoring

Model page: www.shinetchaudio.com/product/smart-ring-5.html



Smart Ring NFC Access Control 7mm

Smart Rings

Weight	3.8g
Battery capacity	20mAh
Charging	Magnetic charging

- NFC smart access control ring
- Ceramic surface, wear-resistant, scratch-resistant, and durable
- NFC smart access control
- Ultra-thin design, as slim as 7mm
- Exercise monitoring: Multiple sports modes, real-time recording of exercise, heart rate, speed, time, etc

Model page: www.shinetchaudio.com/product/smart-ring-6.html



Smart Ring Stainless Steel With Resin Inner Shell

Smart Rings

Weight	3.8g
Battery capacity	20mAh
Charging	Magnetic charging

- Anti-bacterial austenitic stainless steel outer shell, environmentally friendly transparent oxidized resin inner shell
- Fitness, exercise, sleep, and health smart ring
- Sleep monitoring
- 24-hour heart rate monitoring
- Blood oxygen monitoring

Model page: www.shinetchaudio.com/product/smart-ring-4.html



Smart Ring Zirconium Nano Ceramic

Smart Rings

Sensor stack	Combination of photoelectric sensors, accelerometer, optical heart rate sensor, optical blood oxygen sensor, and multiple sensors running simultaneously
Battery capacity	23mAh
Charging case battery	400mAh

- Microcrystalline zirconium nano-ceramic shell; inner ring made of austenitic antibacterial stainless steel
- Weighs only 5g, yet is more durable and sturdy
- Monitors sleep, blood pressure, heart rate, and exercise
- Multi-dimensional data for health detection
- 24-hour real-time data monitoring

Model page: www.shinetchaudio.com/product/smart-ring.html

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Lead time	Around 1–3 weeks depending on order quantity