

What are smart rings?

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About Smart Rings

- These are tiny yet mighty, smart rings pack impressive technology into a small ring-sized device.
- They can monitor health stats, control other devices, and much more, much like their bulkier smartwatch counterparts.
- Equipped with advanced sensors, smart rings track metrics including heart rate, blood oxygen levels, sleep quality, steps, and even stress levels.
- The data is then viewable on a connected smartphone app, allowing users to analyse trends and progress towards health goals.
- Beyond wellness tracking, some smart rings add convenience through features like gesture controls and haptic feedback for notifications.
 - For example, a simple flick of the finger lets you do things like dim smart lights or cue up a playlist. When a call or message comes in, a subtle buzz on the finger lets you know without having to grab your phone.

What can Smart rings do?

- The biggest perk offered by smart rings is their constant health monitoring, which is designed such that it requires barely any user intervention.
 - It offers personalised breathing exercises and guided meditations to help users improve their mood.
 - It has a convenient feature of contactless payment.
 - Smart rings typically include gesture recognition, so you can perform gestures like twisting or tapping the ring to do things like turn off lights, adjust your thermostat, unlock doors, and more.
 - For security, smart rings can also function as access badges, letting you unlock doors and gates with a simple touch of your finger.
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Q1) What is a sensor?

It is a device that detects the change in the environment and responds to some output on the other system. A sensor converts a physical phenomenon into a measurable analog voltage (or sometimes a digital signal) converted into a human-readable display or transmitted for reading or further processing.

Source: [What are smart rings and should you pick one over a fitness tracker?](#)

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