



RING S3D Specification

Dimension	61 mm × 32 mm × 13mm
Weight	12.7 g
Housing	PC Injection Molding
Antenna	Built-in
Power	105 mAh rechargeable battery
Features	Solar-charging, GPS fixing, environmental sensors, Overall Dynamic Body Acceleration (ODBA/ACC), and long-range Bluetooth transmission (300m range)
Sensors	Temperature Sensor (Accuracy: 0.1°C) Accelerometer Sensor (Accuracy: 1/1024g)
Data Types	Temperature Data: 1 minute to 24 hours (adjustable) Triaxial Acceleration Data: Default 25Hz, adjustable duty cycle Continuous ODBA: 1 minute to 1 hour (adjustable)
Data Storage	16M
Data Transmission	Transmission Method: INTELINK (based on BLE 4.0 protocol) Transmission Frequency Band: 2.44 GHz Transmission Interval: Broadcast Duty Cycle (Adjustable) Maximum Transmission Rate: 1 Mbps Maximum Transmission Distance: 300 meters
Operating Temperature	-35 °C ~ 70 °C
Waterproof	IP 68
Firmware Upgrade	App Remote Upgrade
Software Platform	Web-based SaaS Device and Data Platform Mobile App