JUBEI GROUP

Natural Sustainable Innovation

Introduction of Beirui water leakage protector



01

Smart Pro Series

Small Single Water Leakage Protector



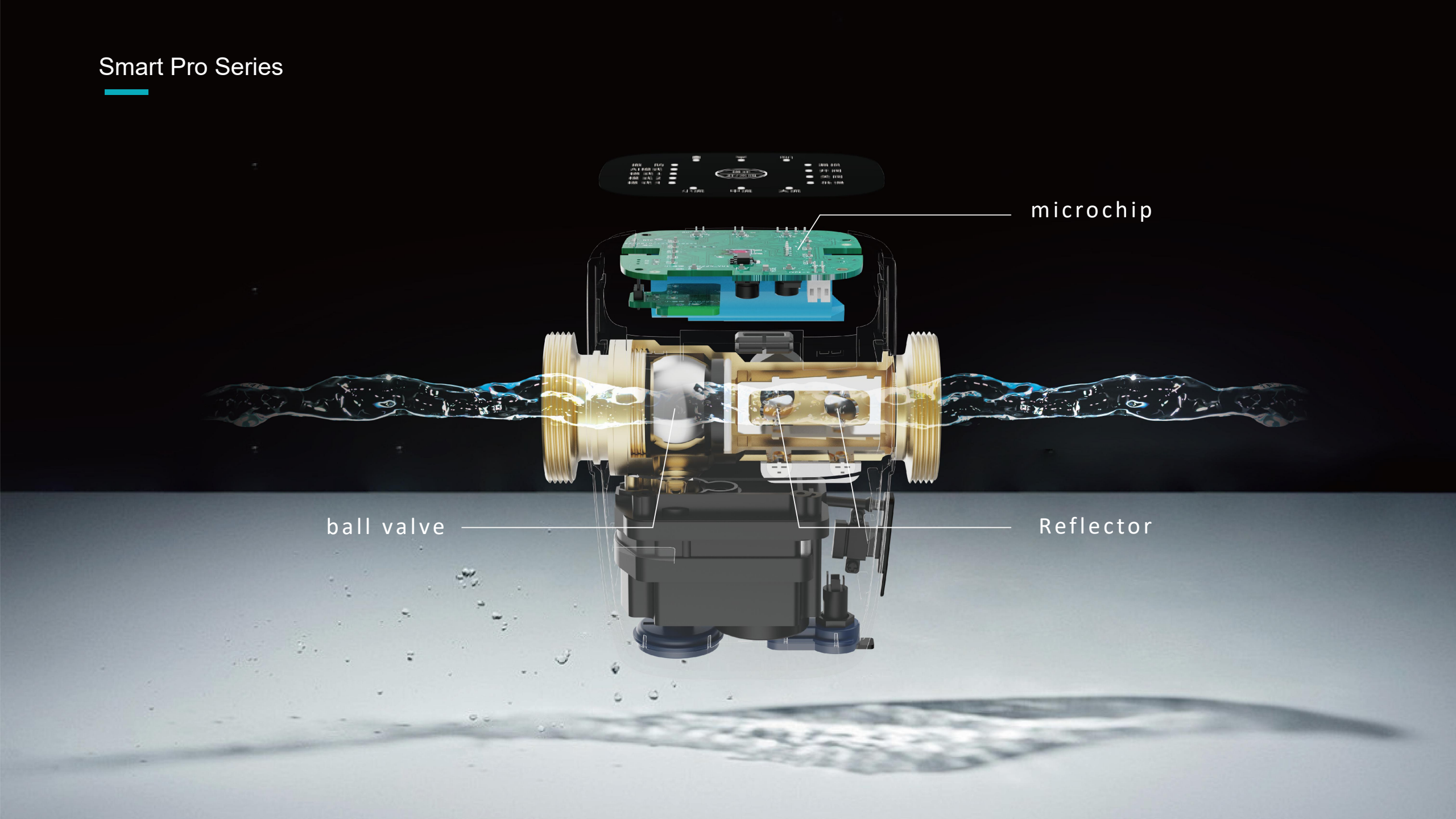
Smart Pro Series

Constant flow rate judgment method "vein recognition method"

It is equipped with ultrasonic precision measurement technology+constant flow rate judgment method "vein flow rate identification method" technology, and can scientifically judge water leakage and notify users of water leakage protectors through the Internet.



Smart Pro Series



Smart Pro Series

Product Introduction

- Ultrasonic flow monitoring, water flow monitoring range from 2L/H to 7000L/H;
- Dual power supply with lithium battery and power supply, equipped with a 1400ma rechargeable lithium battery, can be used for half a year on a single charge;
- Compatible with WiFi and 433 wireless communication, can connect with other devices to assist in detection and communication, and send and receive instructions;
- Optional wireless electrode detection for water leakage, with better safety;
- Wired electrode probe points can be placed at the bottom of potentially leaking equipment to transmit signals when water connects the two electrodes
- Upon arrival at the product, the program determines that it is in a water leakage state and alarms and closes the main valve;
- The electric ball valve is equipped with manual opening and closing function, which can achieve the opening and closing of the valve in a non electric state;
- IP67 waterproof design;
- Multiple protection programs can be selected based on the household water usage status.



Disassembled diagram of the top part





Multiple protection modes:

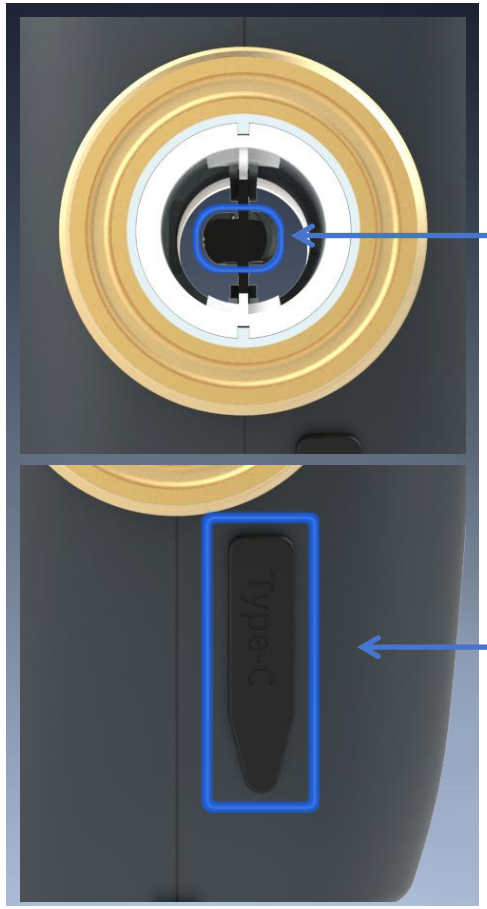
Defensive withdrawal
AI mode
Mode 1
Mode 2
Mode 3

Indicating water flow status:

Small flow,
medium flow
large flow

Disassembled view of the side section



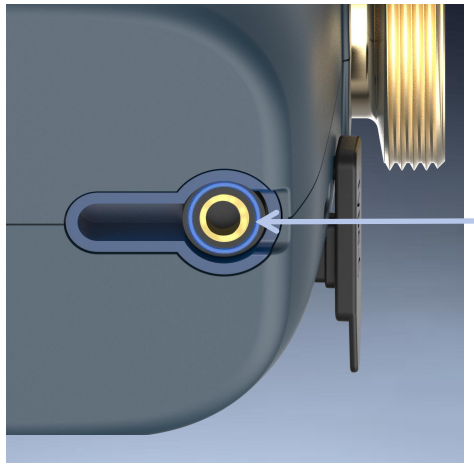


Ultrasonic flow monitoring

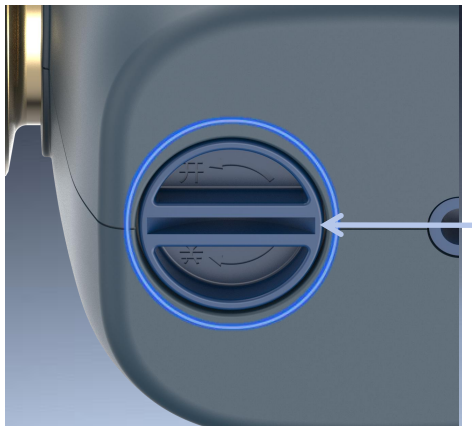
Type-C charging interface

Bottom dismantling diagram





Bottom charged pole probe interface



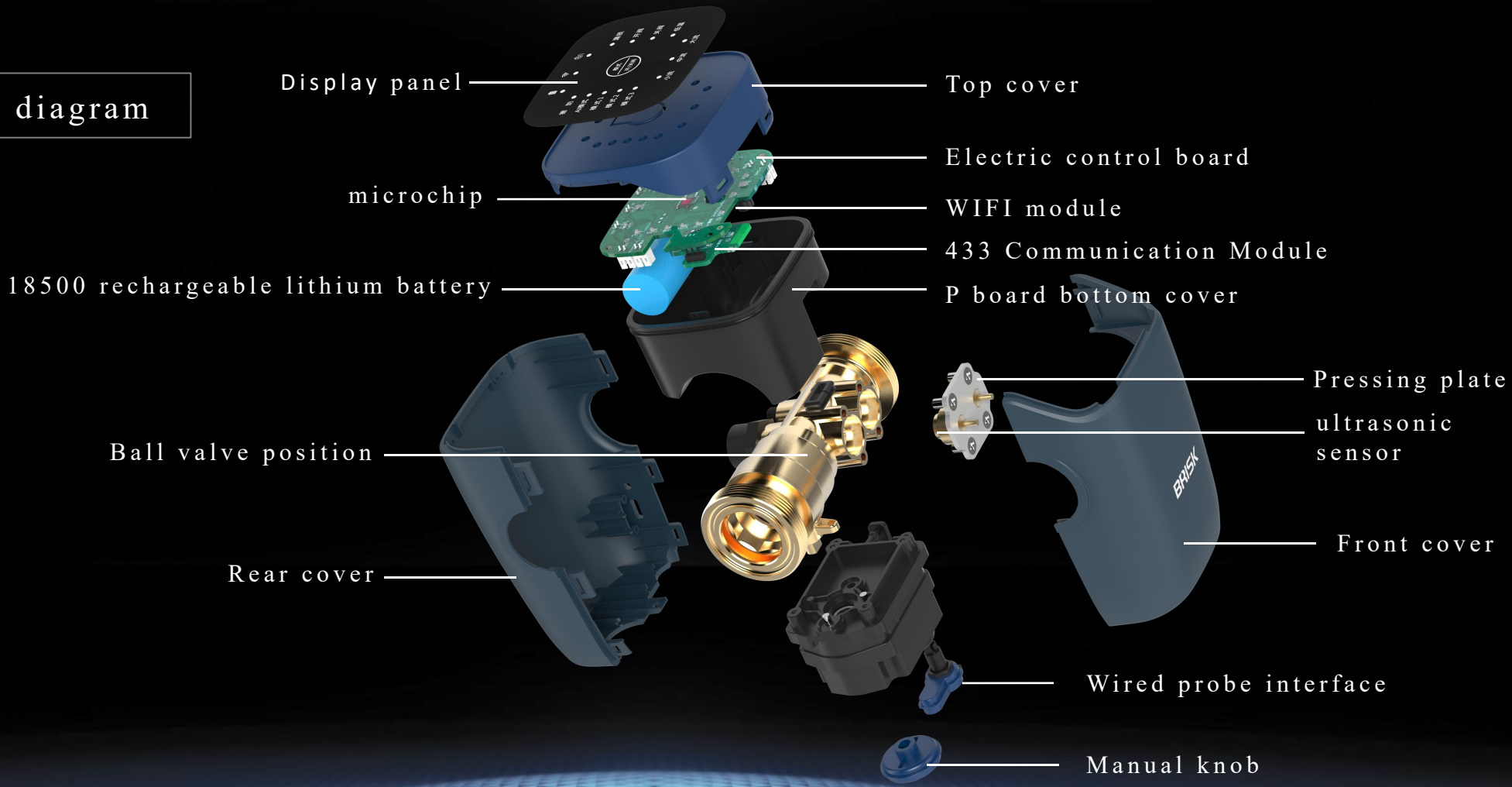
Bottom electric valve knob with manual function switch



Wired electrode detection points can be placed at the bottom of equipment that may leak water. When water is connected to two electrodes, a signal is transmitted to the product, and the program determines that it is in a leak state alarm and closes the main valve.

Smart Pro Series

Dismantling diagram



02

Flying Saucer Cloud Detective Series — Flood Alarm

5-fold AI algorithm



Flying Saucer Cloud
Detective Series

Simple yet beautiful design

/

The water immersion alarm adopts meticulous design and extraordinary craftsmanship to create the ultimate simplicity and beauty! Paired with black stickers to enhance quality, it is cold, delicate, and high-end, with a classic design that is both classical and technological.



Flying Saucer Cloud Detective Series

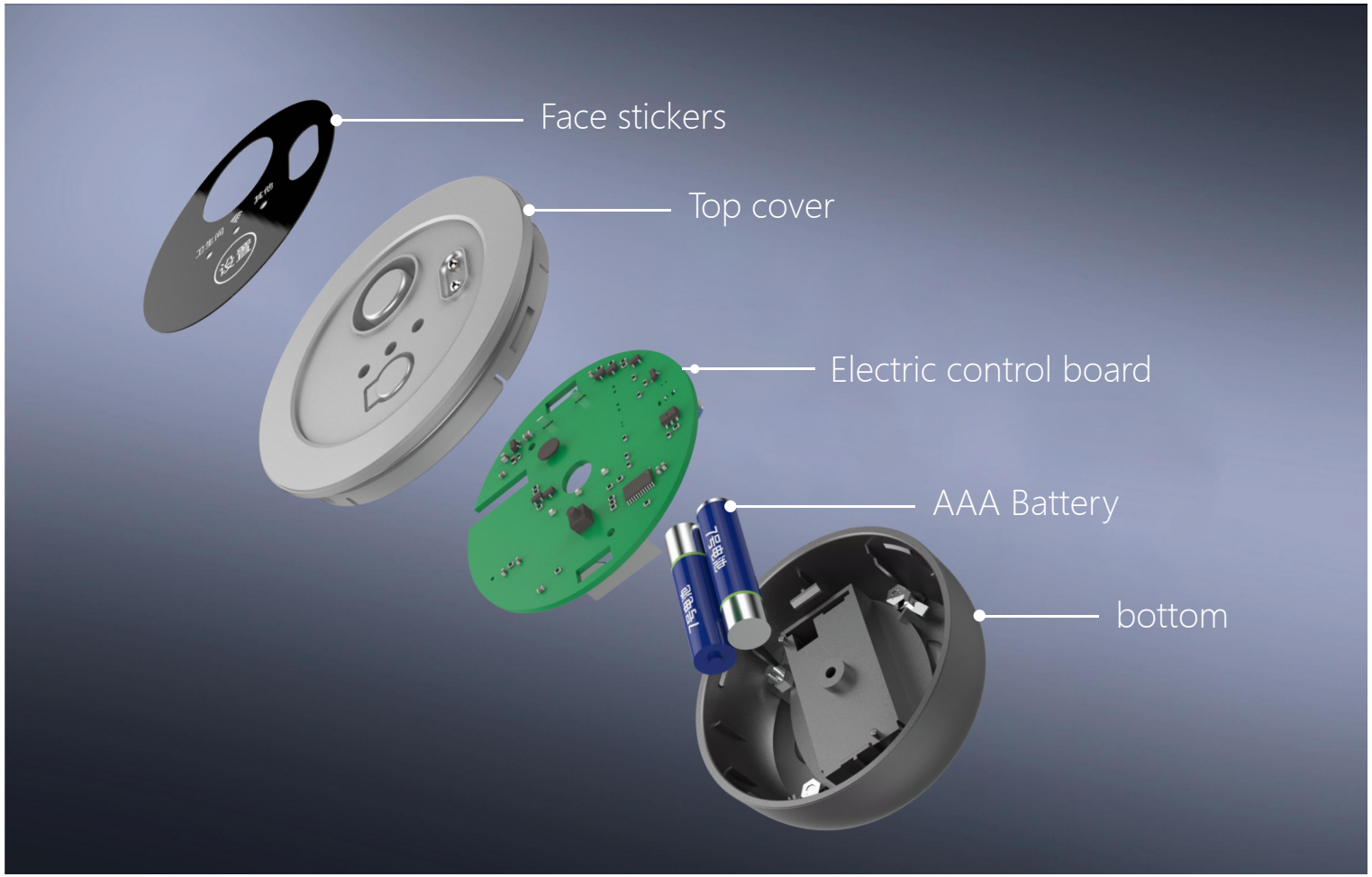
Product Introduction

- Dual section No. 7 dry battery power supply;
- A pair of electrodes on the top panel detect water leakage;
- The bottom two pairs of electrodes detect water leakage, one pair of electrodes detects a leakage height of 0.5mm, and the other pair of electrodes detects a leakage height of 4mm;
- Equipped with bathroom and other dual mode switching;
- Compatible with WiFi and 433 wireless communication, capable of sending signal commands to other devices;
- The buzzer alarm volume is loud and more effective;
- IP67 waterproof design.



Flying Saucer Cloud
Detective Series

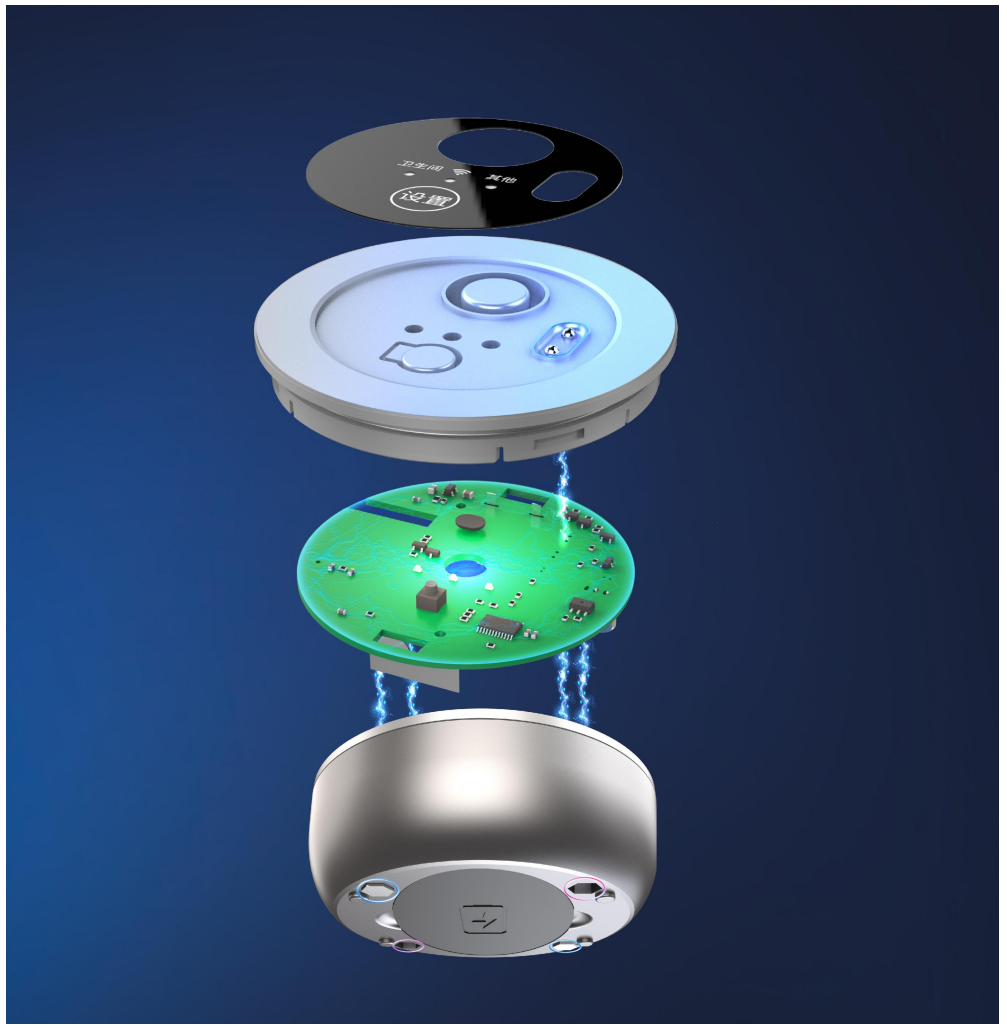
Dismantling diagram



Flying Saucer Cloud
Detective Series

Working principle of water immersion alarm

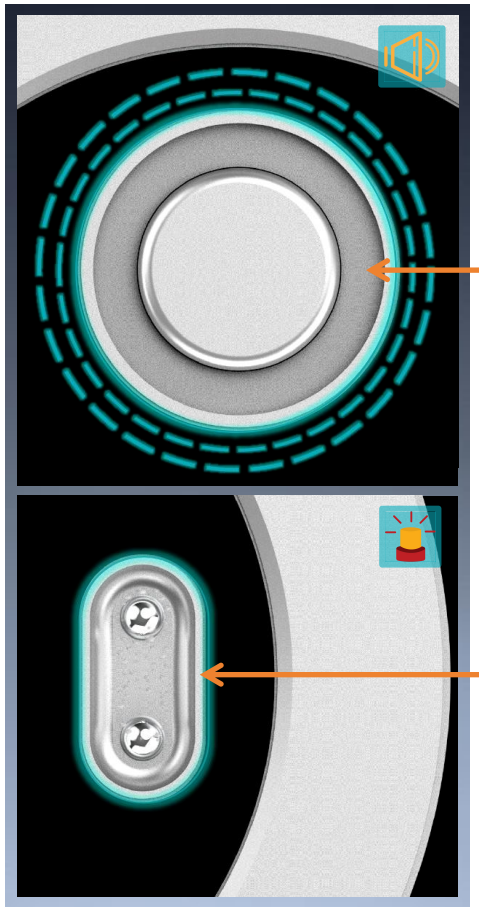




Flying Saucer Cloud
Detective Series

Disassembled diagram of the top part



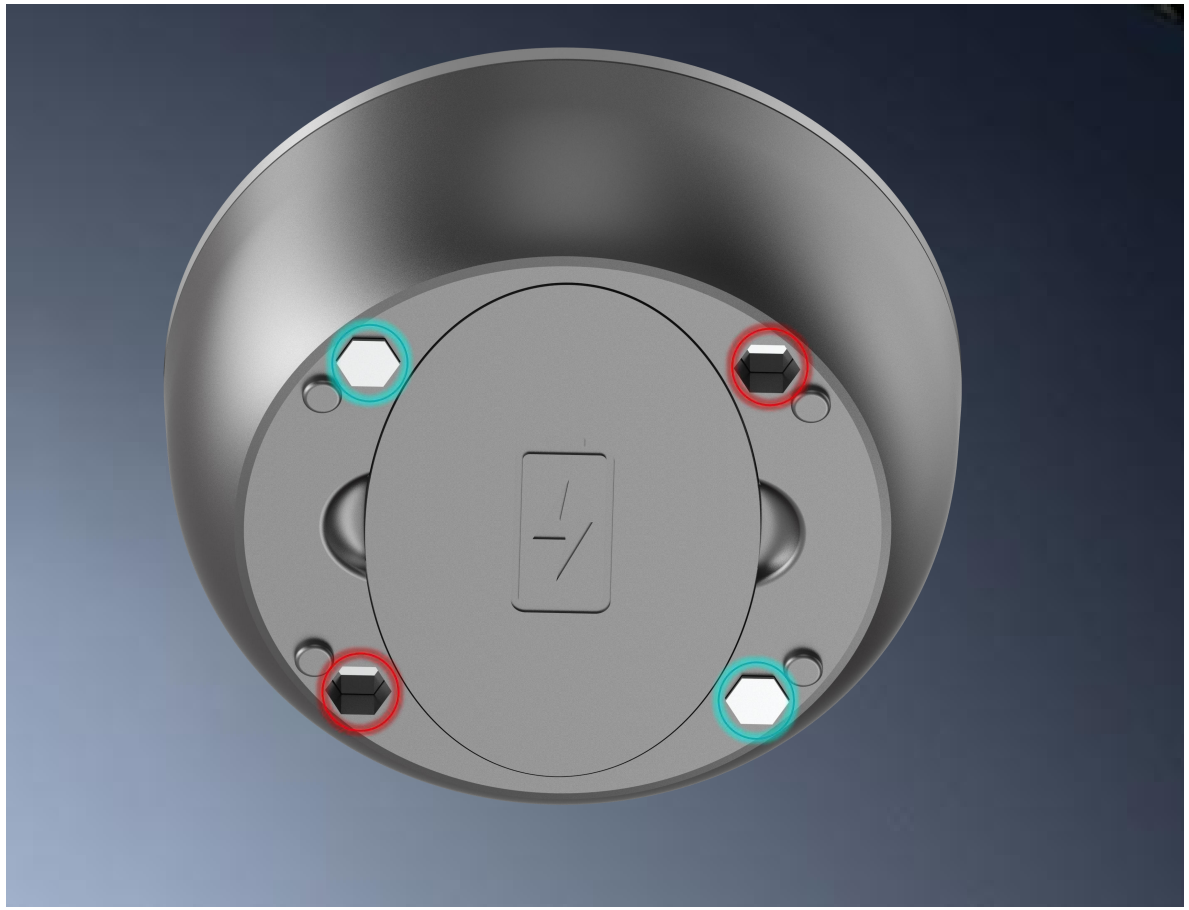


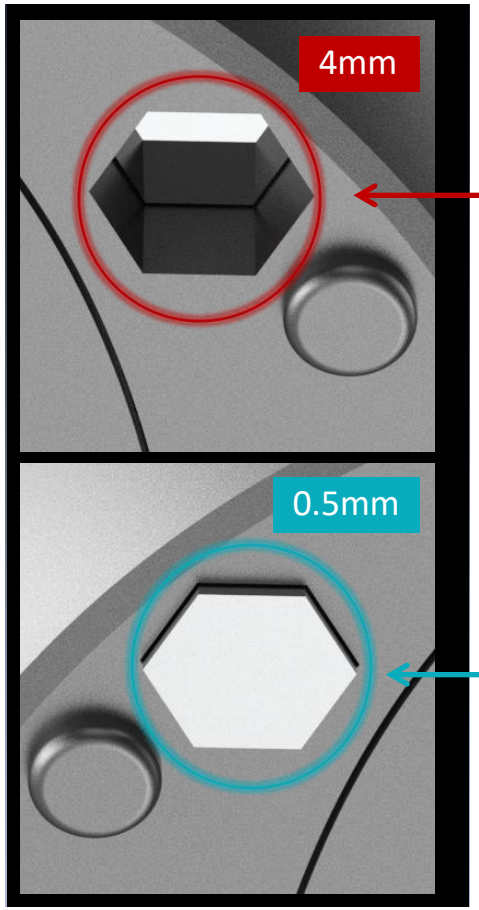
Beeping disc with sound chamber
High structural volume

Water droplets connecting to electrodes in low-lying areas alarm

Flying Saucer Cloud
Detective Series

Disassembled diagram of the bottom part





A pair of electrodes with a red color detect a leakage height of 4mm, suitable for bathroom mode

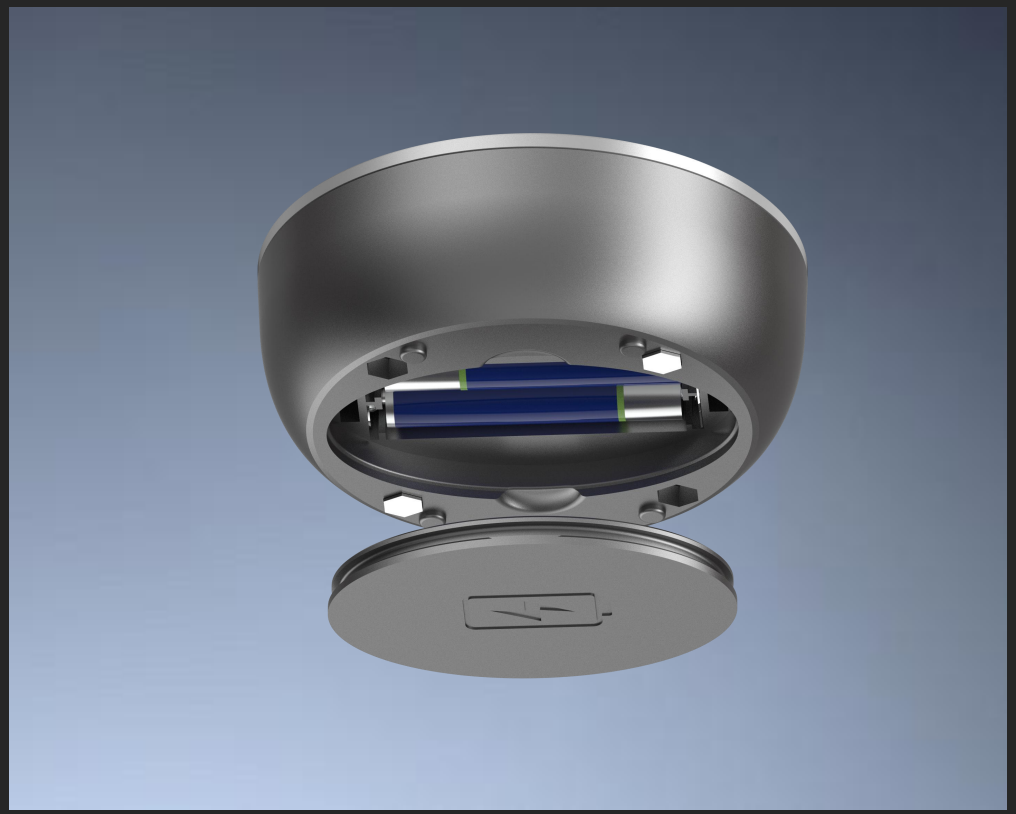
A pair of electrodes with a blue color detect the height of water leakage 0.5mm, suitable for other conventional modes

Flying Saucer Cloud
Detective Series

Disassembled diagram of the bottom part

The bottom battery compartment can be opened for battery replacement





Combined Use

Smart Pro Series

Leakage protector ultrasonic detection flow rate
+
Wired probing points
+
Wireless probing point

Working together to detect water leakage, electric valve alarm, valve closing protection

Receiving signals

signal transmission






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Thanks for watching
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