



Multi-State Sensor P100

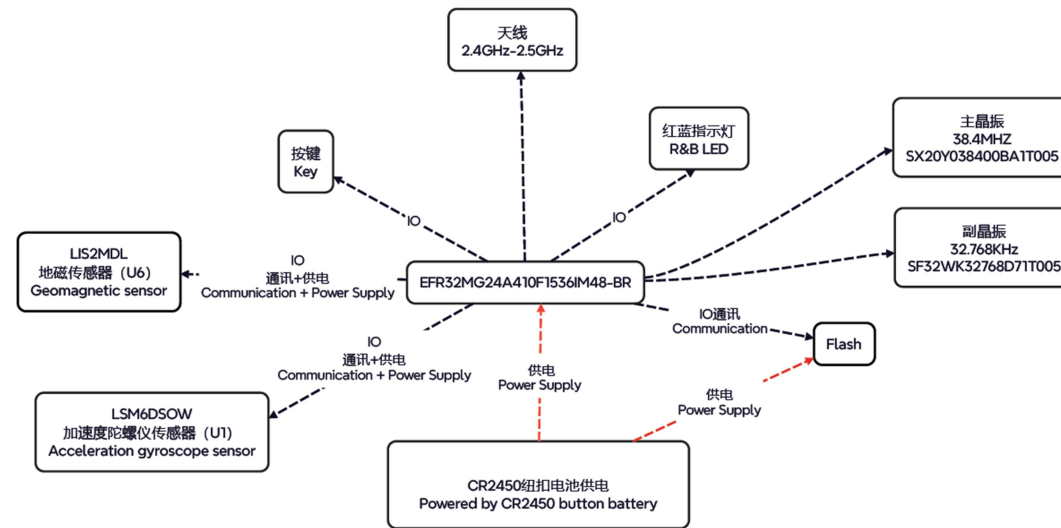
Lumi United Technology Co., Ltd.



Content

- 1. Product Description 2**
 - 1.1. Product Introduction..... 2
 - 1.2. Basic Product Information..... 3
- 2. Product Image..... 3**
- 3. Product Specifications 4**
 - 3.1. Product Basic Specifications 4
 - 3.2. Product Electrical Parameters..... 4
 - 3.3. Wireless Parameters 4

1. Product Description



1.1. Product Introduction

The AI Multi-State Sensor P100 is a comprehensive nine-axis sensor suitable for various scenarios such as door and window opening and closing detection, valuable item protection, daily event recording, and life event reminders.

Utilizing advanced sensing technology and Aqara AI algorithms, it can be attached to common types of doors and windows to detect their opening and closing status and real-time posture. Compared to traditional reed-type door and window sensors that require dual-body installation, it can be flexibly attached to any position on the door and window surface, making installation simpler and requiring no pre-reserved space on the door and window frame. It can also detect composite doors and windows, detecting both outward opening and tilted ventilation states, making it more powerful.

In Zigbee mode, the P100 can also be used for special events and status sensing of stationary objects. When attached to everyday stationary objects, it can detect events such as vibration, movement, falls, opening and closing, tilting, and three taps, determining the vertical/horizontal posture and vibration/stationary state. By switching to "Object Guardian" mode, it can meet many daily usage scenarios, such as: notifying of mail delivery by tilting mailbox hinges, detecting drawer opening by movement, recording and delaying reminders for medication/feeding by tilting or vibrating medicine boxes/milk powder cans, and triggering alarms to monitor elderly safety by detecting cane falls.



1.2. Basic Product Information

Category	Wireless Sensor
Name	Multi-State Sensor P100
Model	VB-S03E, VB-S03D
Brand	Aqara
Manufacturer	Lumi United Technology Co., Ltd.

2. Product Image





3. Product Specifications

3.1. Product Basic Specifications

Model	VB-S03E, VB-S03D
Dimensions	31 × 45 × 12.6 mm
Color	Dark gray, White
Material	PC + ABS

3.2. Product Electrical Parameters

Input	DC 3V
Operating Temperature	-10 °C ~ 55°C (32 °F ~ 104 °F)
Operating Humidity	0 ~ 95% RH, no condensation

3.3. Wireless Parameters

Wireless connections	Zigbee/Thread IEEE802.15.4,Bluetooth5.3
Wireless frequency	BLE Operation Frequency: 2402 - 2480 MHz Thread Operation Frequency: 2405 - 2480 MHz Zibgee Operation Frequency: 2405 - 2480 MHz