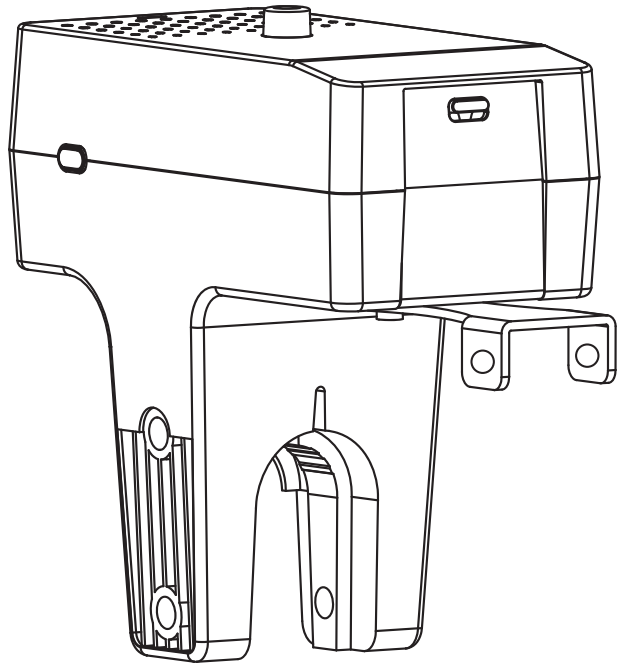
Wulian®

Smart Automatic Manipulator

WL-ZSPOBPW-MA-01

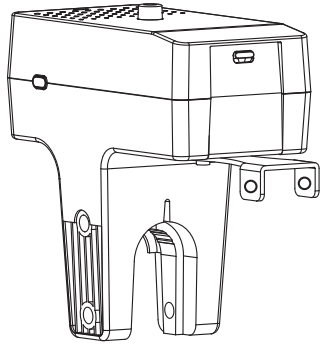
User Manual



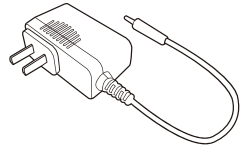
Features

●Support IEEE 802.15.4 (ZigBee/SmartRoom) protocol.
●Free from manual supervision or manipulation of gas valve, and realize highly smart and automatic home life.
●Manual calibration makes easy maintenance and accurate control.
●Precise in structure and workmanship, and guarantee gas tightness and security.
●Brand new in appearance and design, and make you feel more homelike.

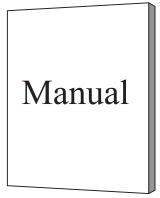
Package List



Smart Automatic Manipulator *1

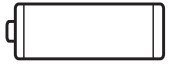


AC/DC Adapter *1
(International Standard)

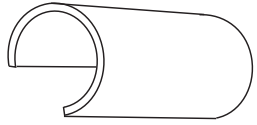


Manual *1

Warranty Card *1

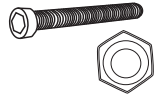


AA Battery *4



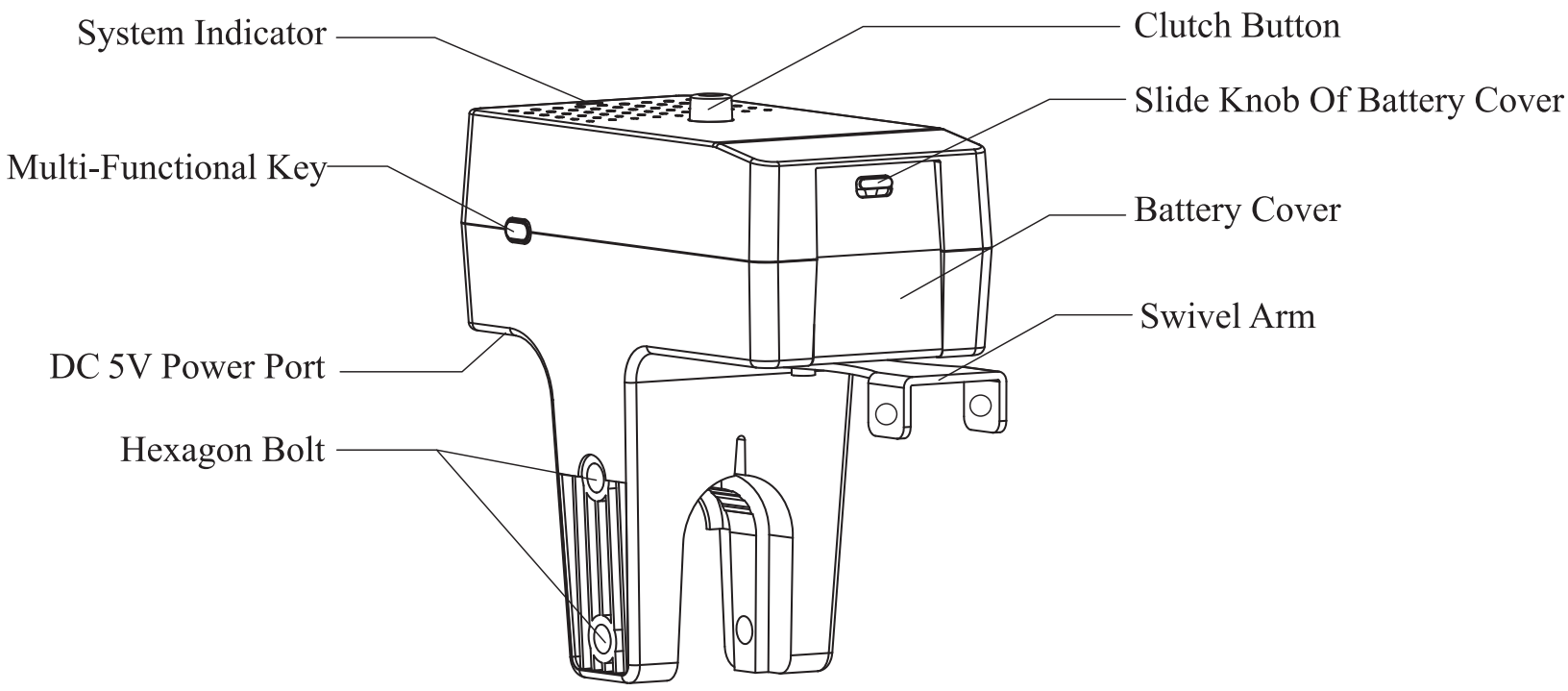
Semicircle Pipe *1

Short Bolt *1



(Hexagon Bolt + Nut)*2

Function Illustration



Installation Steps

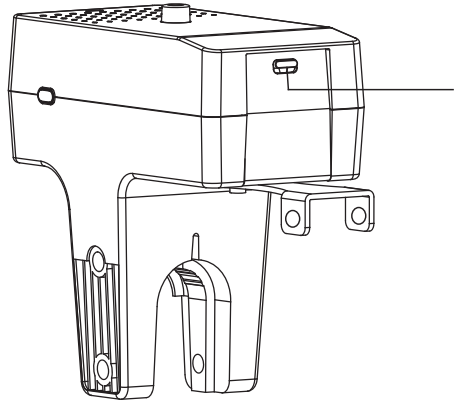
Mounting recommendation: Use this product together with Smart Gas Detector.

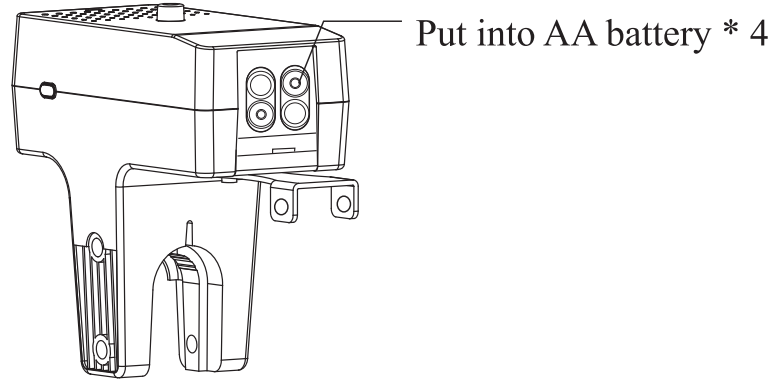
Ⅰ.Power Supply Mode

This product supports two power supply modes. DC 5V power adapter or AA battery*4. Please choose one mode as per actual needs.

1. Choose DC 5V power adapter for power supply.
2. Choose battery for power supply.

Press down slide knob of battery cover and put into 4 AA batteries, then close the battery cover.



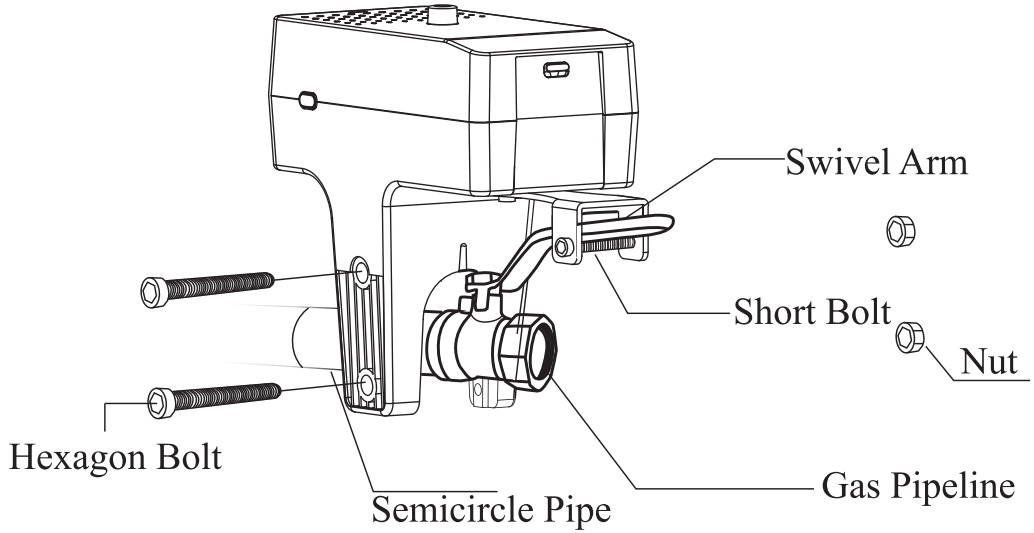


Ⅱ.Installation

1. Install semicircle pipe on the gas pipeline.

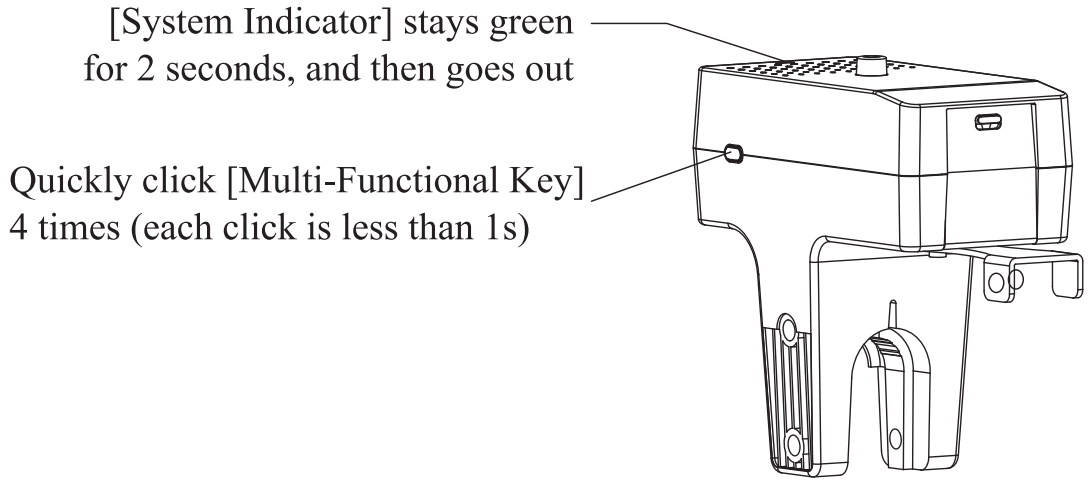
2. Put automatic manipulator on the semicircle pipe. Adjust position, and screw the hexagon bolt to fix automatic manipulator. Meanwhile, guarantee knob of gas valve is in the proper position below swivel arm.

3. Screw lag bolt on the swivel arm.

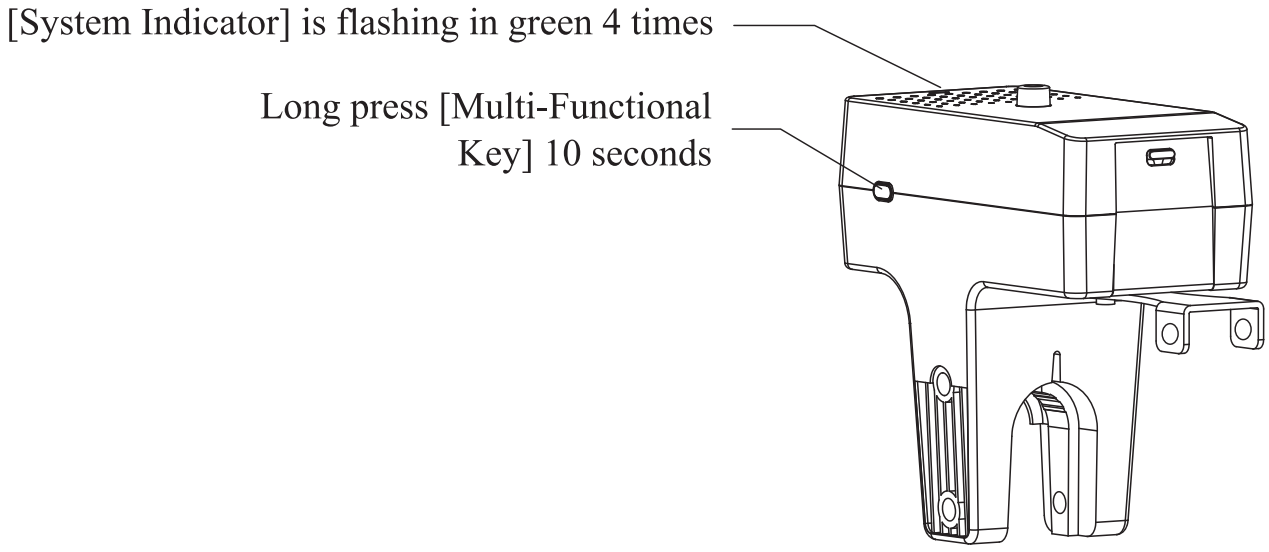


Network Setting

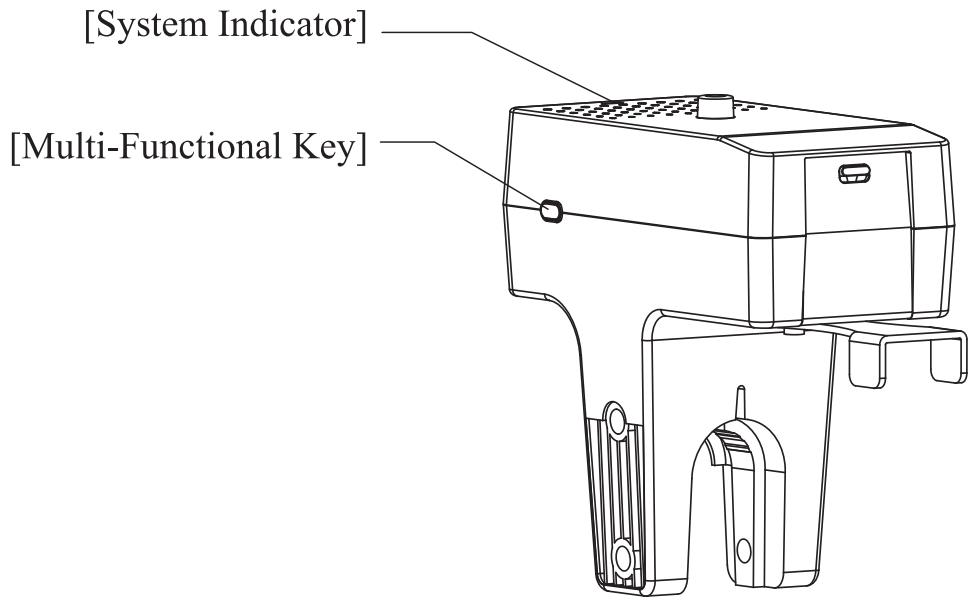
1. Before setting, please make sure the gateway (additional purchase) works normally. Ensure that power is supplied to this product, and it is within the effective communication range of the gateway.
2. Quickly click [Multi-Functional Key] 4 times to apply for joining ZigBee network. While searching networking, [System Indicator] is flashing green. After joining ZigBee network successfully, [System Indicator] stays green for 2 seconds, and then goes out.



3. Long press [Multi-Functional Key] 10 seconds. [System Indicator] flashes green 4 times to restore to factory setting and exit ZigBee network.



4. Quickly click [Multi-Functional Key] 3 times to send binding request. Then quickly click [Multi-Functional Key] 3 times on the Smart Gas Detector (additional purchase) within 20 seconds to finish binding. If binding succeeds, [System Indicator] flashes green 3 times. If it fails, [System Indicator] quickly flashes 6 times.



User Guide

1. This product can use together with Smart Gas Detector. When the gas leaks, automatic manipulator will close gas valve immediately to prevent from any life or property loss.
2. When gas valve is switched on/off by automatic manipulator, [System Indicator] stays red.

Cautions

● Please do not disassemble or refit this product and accessories.

●This product should be installed in dry and clean place to prevent inner component from dampness or other debris.

●If this product breaks down, non-professional staff shall not handle it. Send it to local service center for repair, or contact our customer service staff.

Electrical Parameter

Communication Protocol	IEEE 802.15.4 (ZigBee/SmartRoom)
Power Parameter	6V(AA battery *4); DC 5V,1A (AC/DCAdapter)
Standby Power Consumption	8.3μA
Working Current	330mA

Structure Parameter

Overall Dimension (L ×W × H)	161×70×140 (mm)
Material & Color	PC, White
Net weight	390g
Torque Force	35kg/cm
Flame Retardant Rating	UL94 V-2
Working Temperature	-10℃~ +55℃
Working Humidity	≤95%RH (noncondensing)