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Magic Wand

Smart Remote Controller HRCD01

Remote control distance up to 15 meters



Magic Wand
Remote Control



Zoning & Grouping



Dimming Control



ON/OFF

CE RoHS



Product Description

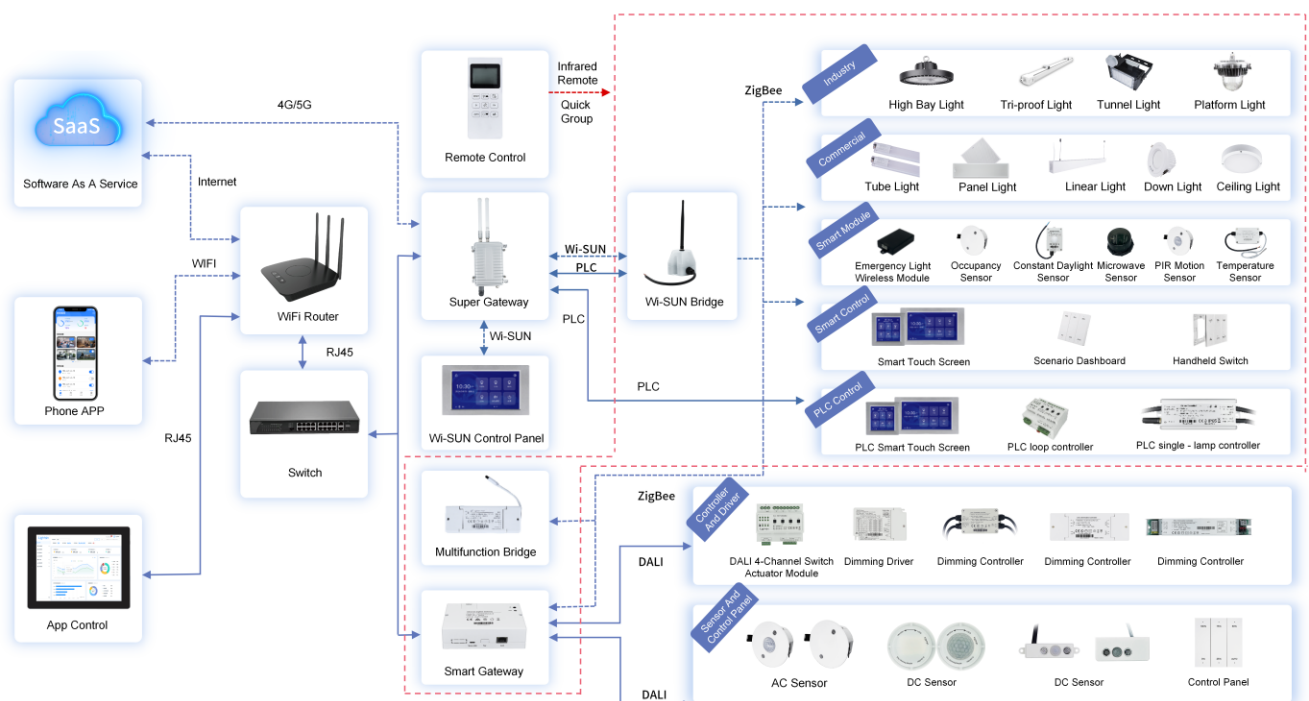
The Magic Wand Smart Remote Controller is specifically designed for controlling the Magic Wand Smart Lighting System. Based on the ZigBee 3.0 wireless protocol, it supports fast grouping of lights, on/off control, brightness adjustment, sensor parameter settings, Magic Wand large/small group settings, password settings, light follow-up settings, and independent light sensitivity settings, offering a flexible and convenient operation experience. It is applicable to all Magic Wand products from our company.



Features

- Control Magic Wand lights for easy networking.
- Digital display.
- IR/RF remote controller.
- Standby power consumption < 10μA.
- 15m control distance.

System Diagram





Product Data

IEC protection rating	IP20
Warranty	5 Years
Certification	CE , RoHS
Remote control distance	15m

Operating and Electrical

Operating Voltage	3.0-3.6V
Remote Control Angle	<10°
Standby Power Consumption	<10uA
Control Distance	15m
Battery Type	2 x AAA batteries

Application Conditions

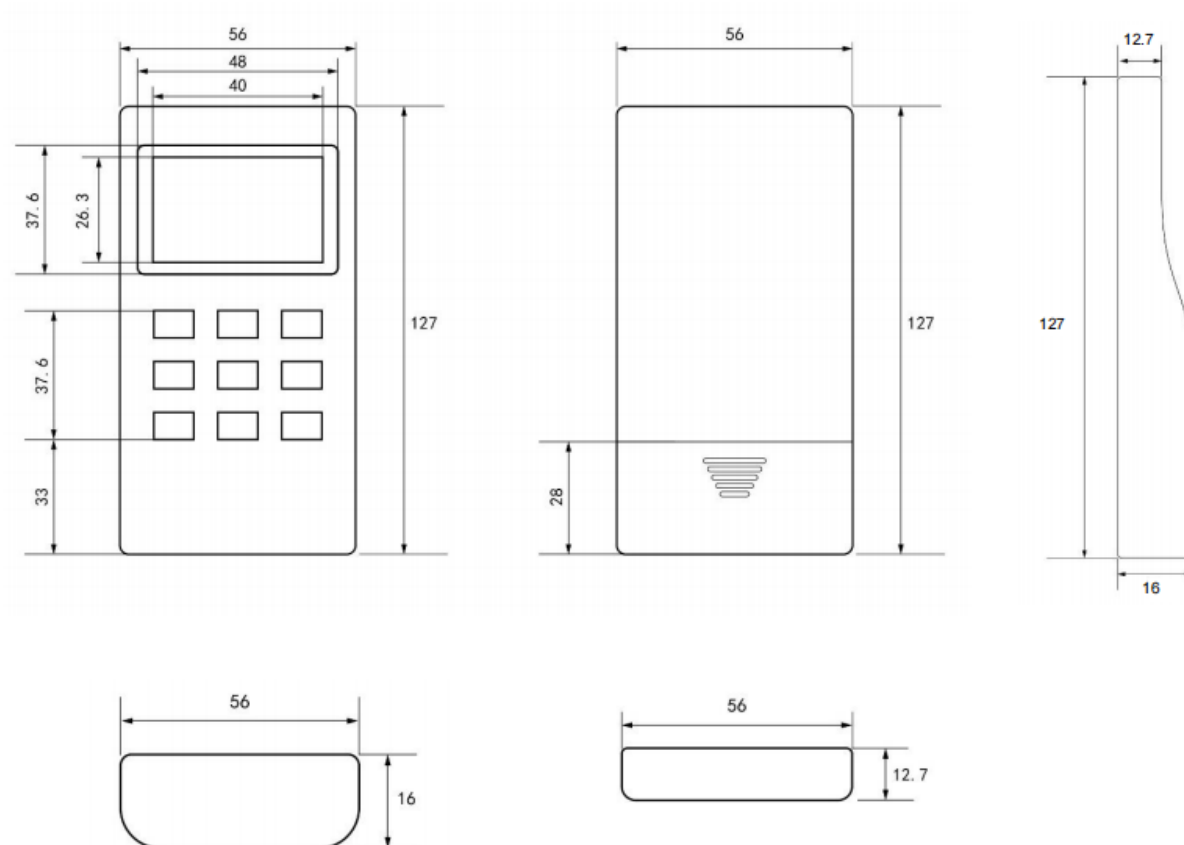
Operating Temperature	-20°C ~ 55°C
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Structural Parameters

Structural Materials	PC V0
Exterior Color	White

Dimension

Until : mm





Dimming Interface

Current group index:
G-001 Group index 001
G-X Any group
Lamp Individual lamp

(1) Open reset menu

This will reset the device to factory defaults	
Cancel	Reset

Press key 1 to cancel, go back last menu.

Press key 3 to reset target lamp.

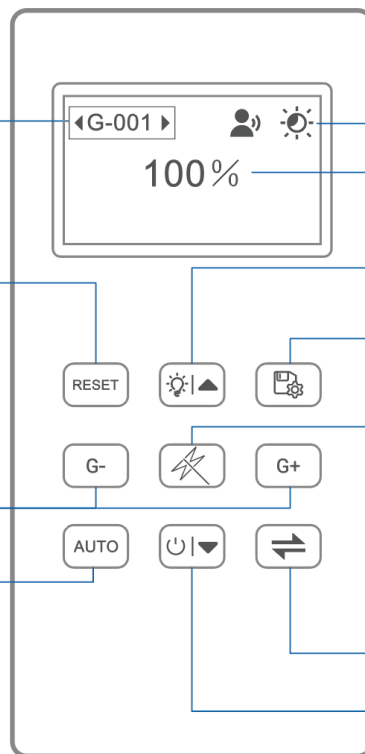
* The lamp flashes three times if it was reset successfully

(4) (6) Switch group/ lamp

(7) Resume AUTO mode

The AUTO mode will be paused if the lamp brightness is changed manually. The button is pressed to resume AUTO mode (sensors start working).

* The lamp flashes once if on/ off was set successfully



Sensor status(On/ Off)

Current brightness value

(2) Select the target daylight value

(3) Execute step (2), apply the selected target daylight value to the target luminaire(s) (group).

(5) Add target lamp into current group.

* The lamp flashes twice if it was grouped successfully

The grouped lamp has to reset before adding into new group.

Any lamp can not be grouped into group G-X or Lamp.

(9) Press and hold: Enter the menu interface

(8) Lamp On/ Off

Parameter Interface

Selected icon:

Current option is selected

Current group index

L1,L2,L3 brightness level

L1:Target Level

L2:Waiting Level

L3:Background Level

L1,L2 holding time

Sensor On/ Off

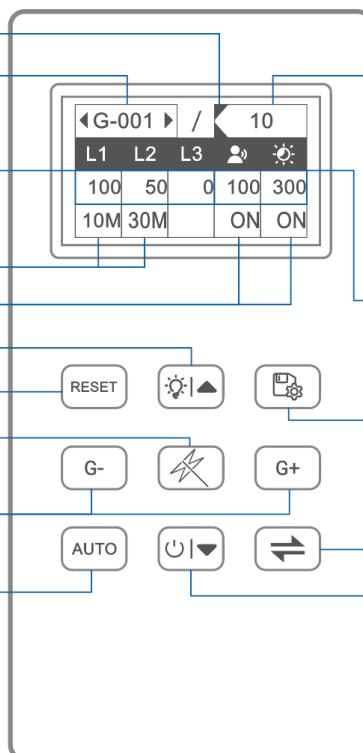
(2) Go up for more settings

(1) Open reset menu

(5) Change the parameter of selected option

(4) (6) Switch group/ lamp

(7) Resume AUTO mode



Set maximum number of groups

MAX 500 GROUPS	
▲+1	
-10◀	10▶
▼-1	

Maximum number of groups is 500

(4) Maximum number -10

(6) Maximum number +10

(2) Maximum number +1

(8) Maximum number -1

Sensor parameters

☿: Motion sensor

☼: Daylight sensor

(3) Send sensor parameters to target lamp(group).

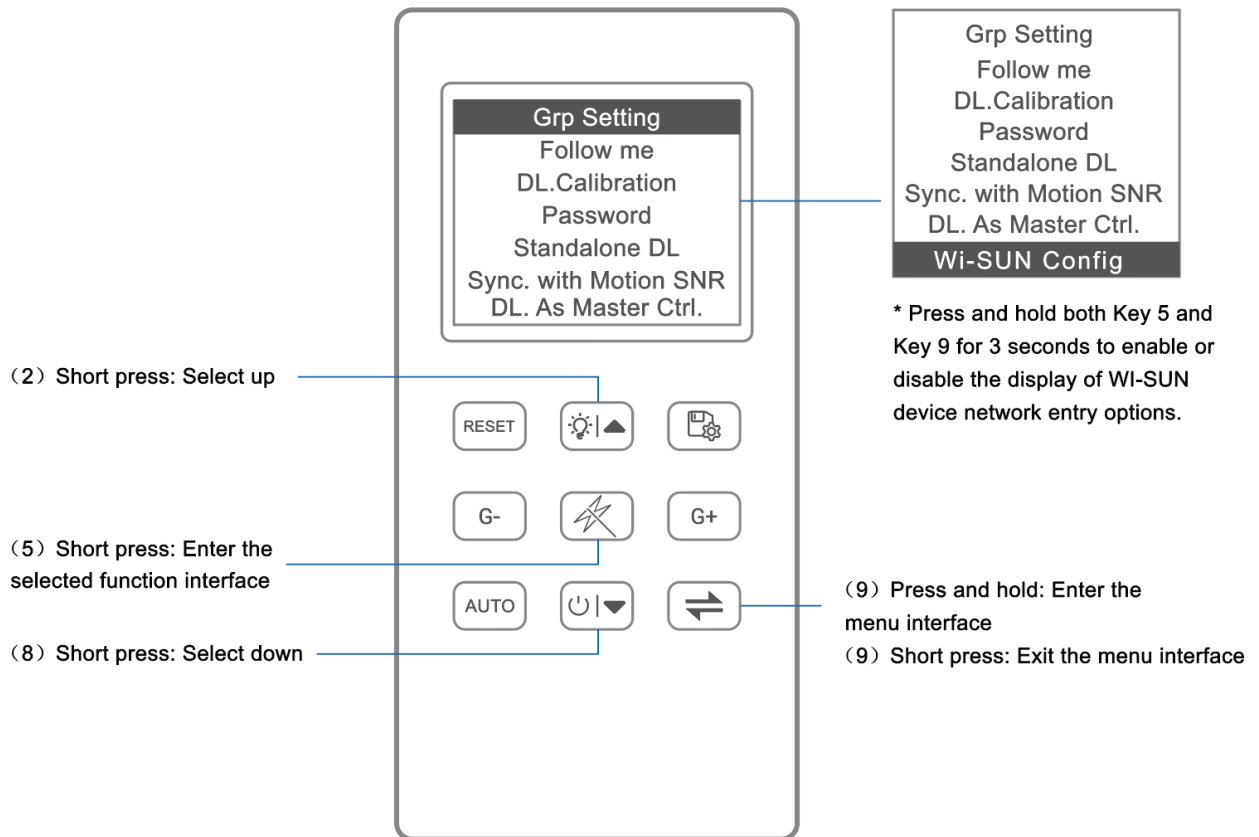
* The lamp flashes once if parameters is sent successfully

(9) Switch to main menu

(8) Go down for more settings



Menu Interface



Product Parameter

Model Number	Standby Power Consumption	Remote Control Distance	Remote Control Angle	Warranty	Battery Type	Operating Temperature
HRCD01	<10uA	15 m	<10°	5 years	2 x AAA batteries	-20°C ~ 55°C

Package

Model Number	Net Weight (g)	Packing	Gross Weight (g)	Dimension (mm)	Packaging Dimensions(mm)
HRCD01	80	1Pcs/Box	90	127*56*16mm	128*57*20mm



Typical Working Scenarios



The MaWa Magic Wand Smart Sensor integrates a motion sensor and a light sensor. With the “Magic Wand” remote controller, users can easily perform group editing and parameter settings for the devices. Based on standard ZigBee technology, the Magic Wand series sensors naturally offer long-distance transmission, multiple channels, and automatic relay capabilities.



Users can use the Magic Wand remote controller to set the sensor parameters of Magic Wand sensors for either group control or single-luminaire control with just one click. The Magic Wand remote controller can also adjust the brightness of individual luminaires or groups.

Magic Wand smart luminaires work collaboratively with motion sensing within the same group, while the light sensor intelligently controls the on/off status of the luminaires based on ambient brightness. The Magic Wand smart sensors come in multiple models compatible with panel lights, linear lights, tri-proof lights, high-bay lights, and T8 tubes, making them suitable for various application scenarios such as offices, warehouses, factories, and parking lots.