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Magic Wand

Wall Switch HWSC05 (VB)

(Control Distance Up To 30 Meters / Can Control Three Consecutive Groups)



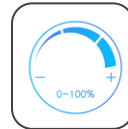
Zigbee Mesh
Network Control



Magic Wand
Remote Control



Zoning & Grouping



Dimming Control



On/Off Control

CE

RoHS

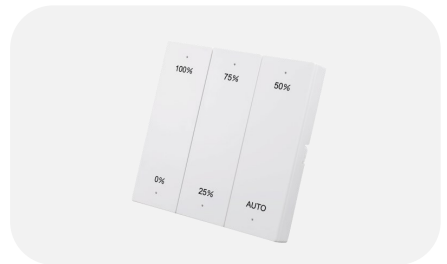


Applications

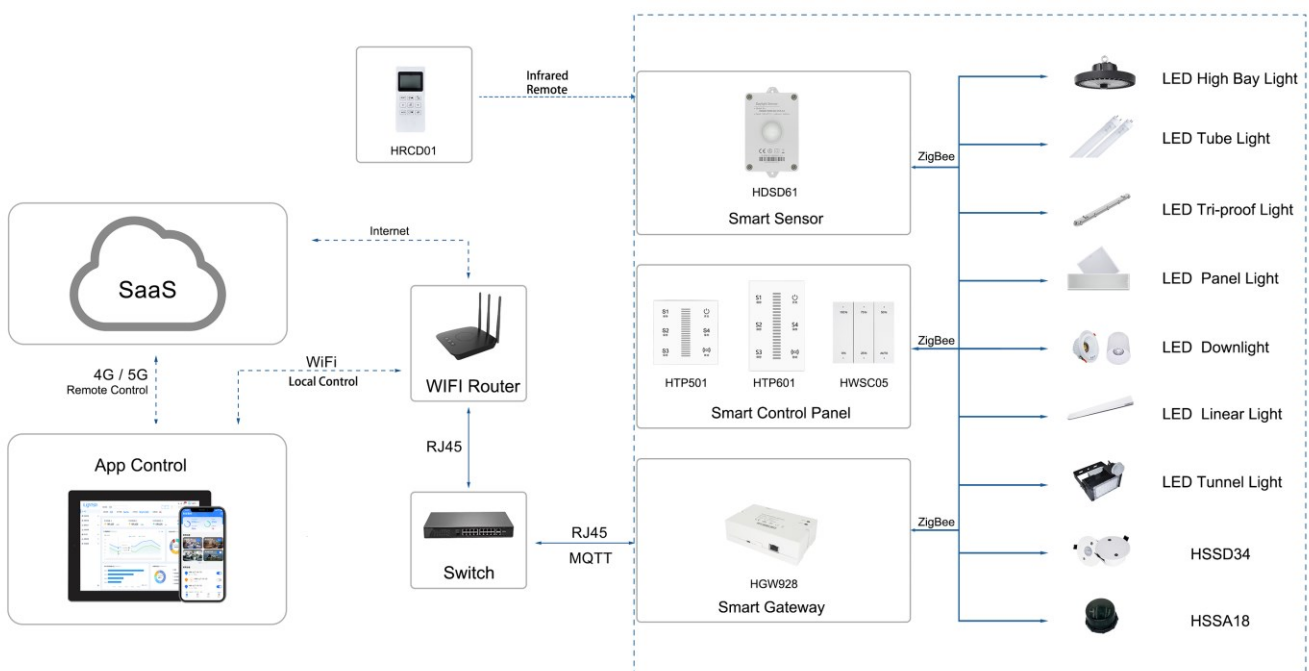
- Shopping Mall
- Office
- Manufacture
- Warehouse
- Exhibition Hall

Features

- HWSC05-MWZ-VB-6K is a 6-key switch panel based on the ZigBee 3.0 standard protocol .
- After setting up a group, the panel will automatically generate three consecutive Group IDs for the groups. For example, if G-002 is set, then the panel can control devices within groups G-002, G-003, and G-004.
- Input voltage 200-240Vac.
- 6 general-purpose tactile switches.
- Standby power consumption < 0.5W.
- Communication distance 30 meters.
- ZigBee 3.0 standard protocol .
- OTA Upgrade .
- Operating temperature -20 °C~70 °C.



System Diagram





General Information

Protection class IEC	IP20
Warranty	5 Years Warranty
Certificate	CE, RoHS

Application Conditions

Operating Temperature	-20°C~70°C
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Operating and Electrical

Input voltage	200~240Vac
Input Frequency	50/60Hz
Standby Power	<0.5W
Surge Protection	2KV
Isolation Voltage	3750V
Wireless Frequency	2.4G
Remote Control Distance	<2.5m
Control Distance	30m

Input and Output Definitions

Copper Pillar		Describe
AC_IN	L	L_IN(Input AC200-240V Live line)
	N	N_IN (input AC200-240V neutral line)

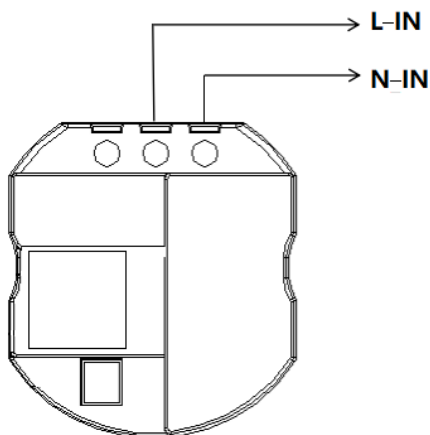
Mechanical and Housing

Structure Material	PC V0
Housing Color	White

Controls and Dimming

Intelligent Control	ZigBee
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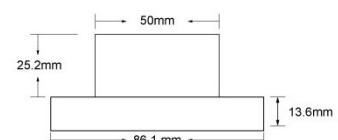
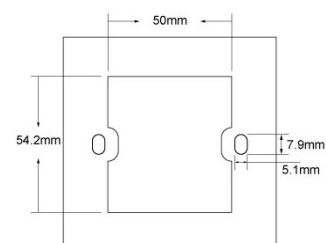
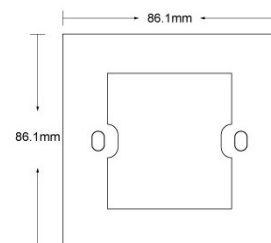
Wire Connection



Please turn off the power when connecting the wires

Drawing

unit : mm





Key Definition

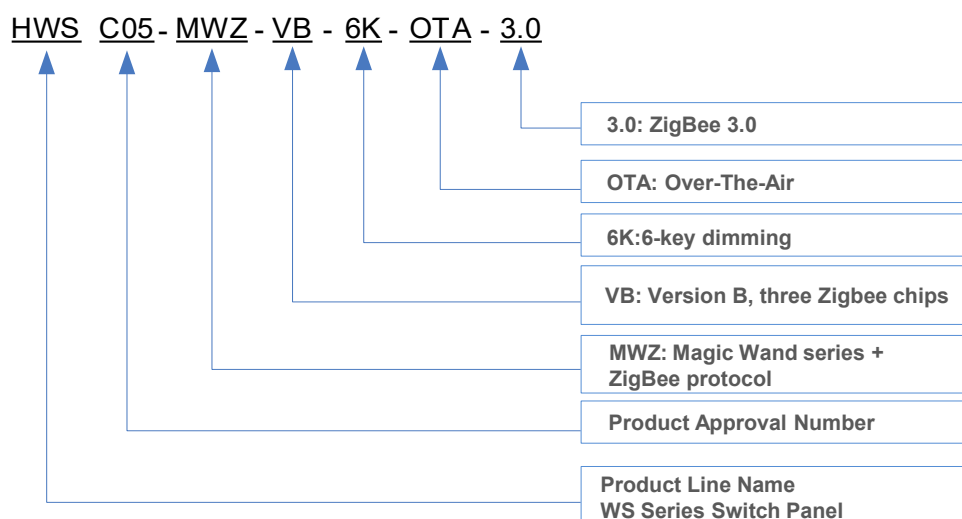
Model Number	HWSC05-MWZ-VB-6K-OTA-3.0	
Key Operation	Shot Press	/
100%	Execute brightness	/
75%	Execute brightness	/
50%	Execute brightness	/
25%	Execute brightness	/
0%	OFF	/
AUTO	Reactivate sensor	/

Remote Control Function Definition

Model Number	HRCD01		
Key Symbols	Key Operation	Function Description	Password Setting Interface Description
	Short Press	To enter the reset pop-up window	Unlock lock (re-enter lock password)
	Short Press	Confirm resetting the current device	Confirm lock after setting password
	Short Press	Join the group	/
	Short Press	Short press to switch groups-	Left shift adjustment password position
	Short Press	Short press to switch groups+	Right shift to adjust password position
	Short Press	/	Adjusting password numbers+
	Short Press	/	Adjusting password numbers-
	Simultaneously long press for 3 seconds	Enter the password setting interface	/
			Switch parameter interface



Model Code



Software Operation

- Upon power on, all LED indicators are lit by default, and 1 second later, the default brightness is set to 100%.
- After setting up a group, the panel will automatically generate three consecutive Group IDs for the groups. For example, if G-002 is set, then the panel can control devices within groups G-002, G-003, and G-004.
- Dimming or switching will interrupt the sensor's control over the luminaire. To restore sensor control over the luminaire, briefly press the AUTO button on the remote control. After interruption, the luminaire will not automatically restore to its power-on state.
- Besides the operation mentioned in item "3", there are two other methods to restore sensor control:
 - Restart the luminaire.
 - Set the sensor to the "on" state on the remote control, which is indicated by the  icon, you can either press the AUTO key on the remote control briefly or set parameters.
- After being powered off and on four times continuously, on the fifth power-on, the lock status is released, and all LED indicators blink twice.
- You can log in to the Magic Wand Gateway to check the status and version information of the devices.

Product Parameter

Model Number	Standby Power	Input Voltage	Wireless Frequency	Remote Control Distance	Control Distance	Isolation Voltage	Operation Temperature
HWSC05-MWZ-VB-6K-OTA-3.0	< 0.5W	200~240Vac	2.4GHz	< 2.5m	30m	3750V	-20°C~70°C

Package

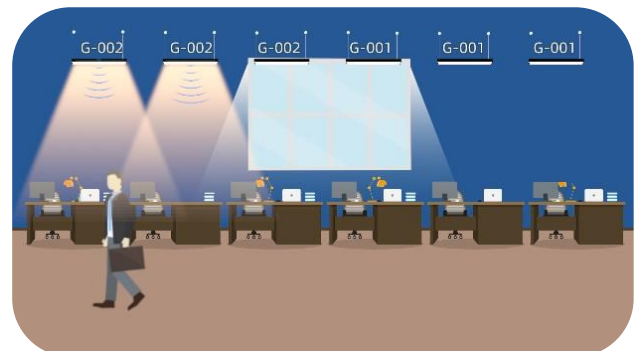
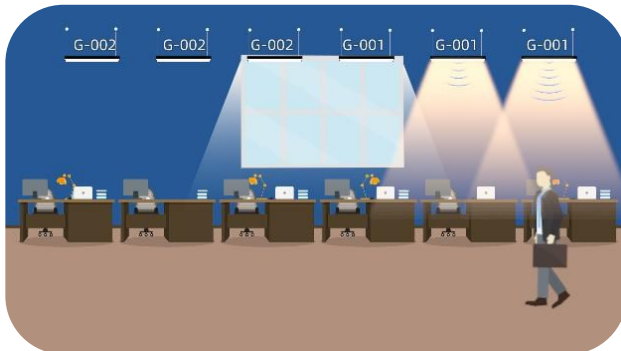
Model Number	Net Weight (g)	Gross Weight (g)	Package Size (mm)	Package
HWSC05-MWZ-VB-6K-OTA-3.0	126	165	112×112×42	1Pcs/Box



Typical Working Scenarios



The “Magic Wand” smart lamps of HOMA are embedded with motion sensor and daylight sensor, using a “Magic Wand” remote control, users can set grouping and parameters very fast and convenient. By adopting the standard ZigBee technology, “Magic Wand” has the inborn advantages like long transmission distance, multiple channels and mesh network.



Users can set the sensor parameters of one group or individual lamp with one button, and change lamp brightness. In one group, the motion sensors work together to control these grouped lamps, and the daylight sensors control the individual lamps on/off according to the ambient brightness.

The magic wand serial include panel, linear light, tri-proof light, high bay, LED tube. This kind of smart lamps can be used for industrial and commercial area, example offices, warehouses, factories, parking and others.