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Magic Wand

HTPE03-MWZ-VB Smart Touch Screen

Can Control Three Consecutive Groups



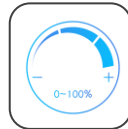
Zigbee Mesh
Network Control



Magic Wand
Remote Control



Zoning & Grouping



Dimming Control



ON/OFF

CE RoHS



- Warehouse
- Workshop
- Gymnasium
- Exhibition Hall

A smart display with a blue background showing a home screen. The screen displays the time 10:30 AM, the date 2024/04/06 FRI, and a battery level of 100%. There are six control tiles: 'Suspension' (with a leaf icon), '12%' (with a lightbulb icon), '100%' (with a lightbulb icon), 'OFF' (with a power icon), '80%' (with a lightbulb icon), and 'Auto Settings' (with a person icon). At the bottom, there are status icons for signal, Wi-Fi, and battery, and a three-dot menu icon.

The diagram illustrates the architecture of the smart lighting system, showing the flow of data and control between various components.

Core Components and Connections:

- SaaS (Software As A Service):** Connected to the **WiFi Router** via **Internet WIFI** and to the **Super Gateway** via **4G/5G**.
- WiFi Router:** Connected to the **Super Gateway** via **4G/5G Remote Control** and to the **Switch** via **Local Control** and **RJ45**.
- Super Gateway:** Connected to the **Smart Gateway** via **Wi-SUN** and to the **Smart Gateway** via **Wi-SUN**.
- Smart Gateway:** Connected to the **Smart Gateway** via **Wi-SUN** and to the **Smart Gateway** via **Wi-SUN**.
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Control and Sensor Panels:

- Smart Gateway:** Connected to the **Smart Gateway** via **Wi-SUN** and to the **Smart Gateway** via **Wi-SUN**.
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Lighting and Sensor Modules:

- Smart Gateway:** Connected to the **Smart Gateway** via **Wi-SUN** and to the **Smart Gateway** via **Wi-SUN**.
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Legend:

- Wireless Connectivity (Dashed Blue Line)
- Wired Connection (Solid Blue Line)



Product Data

Protection class IEC	IP20
IA Communication Distance (open environment)	30m

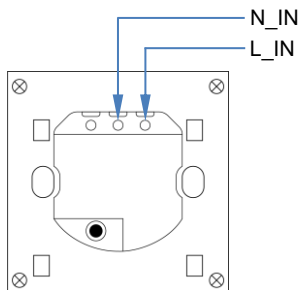
Application Conditions

Operating Temperature	-20°C ~ 50°C
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Controls and Dimming

Intelligent Control	ZigBee
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Wiring Diagram

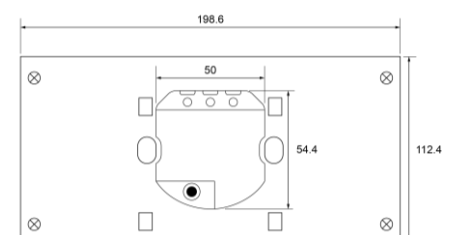
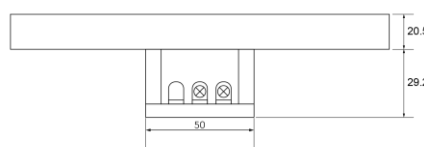
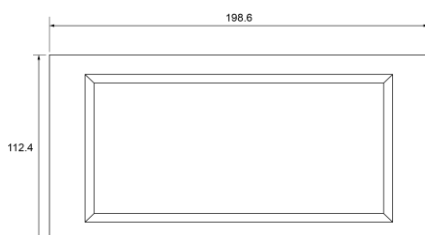
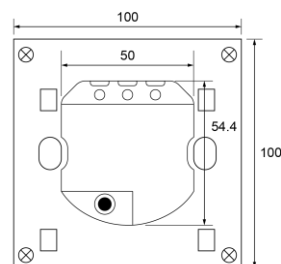
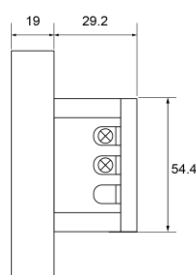
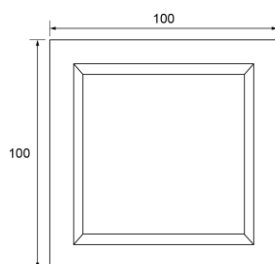


Copper Column		Describe
AC_IN	L	Input 100-277V live wire
	N	Input 100-277V neutral line

Please turn off the power when wiring.

Drawing

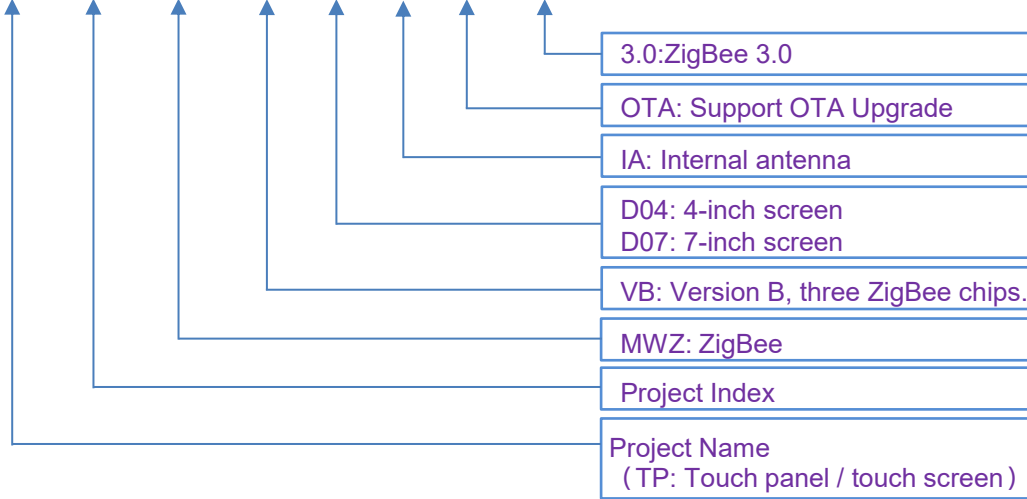
Unit : mm





Part No.

HTP E03-MWZ-VB-XXX-IA-OTA-3.0



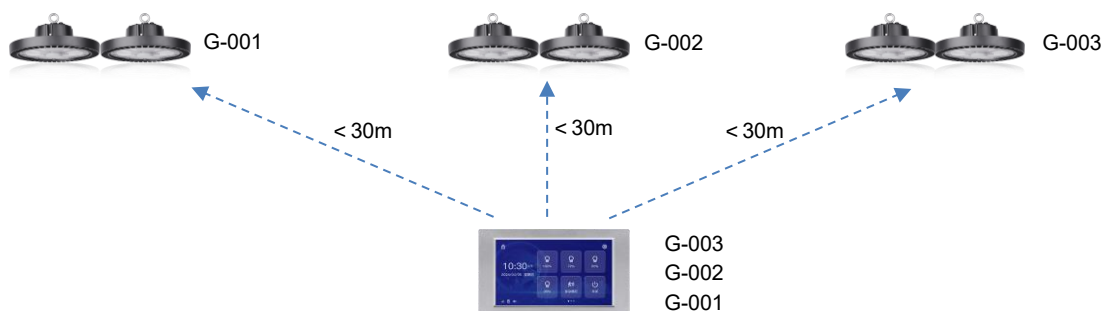
Product Parameter

Model Number	Intelligent Control	Input voltage	Input Current	Screen Size	Remote Control Distance	Communication Distance (open environment)	Operating Temperature
HTPE03-MWZ-VB-D04-IA-OTA-3.0	ZigBee	100-277Vac	0.08A Max	4-inch screen	< 2.5m	30m	-20 ~ 50°C
HTPE03-MWZ-VB-D07-IA-OTA-3.0			0.1A Max	7-inch screen			

Package

Model Number	Net Weight (g)	Gross Weight (g)	Package Size (mm)	Package
HTPE03-MWZ-VB-D04-IA-OTA-3.0	268	325	105*105*64	1Pcs/Box
HTPE03-MWZ-VB-D07-IA-OTA-3.0	515	610	204*119*64	1Pcs/Box

Operation Settings



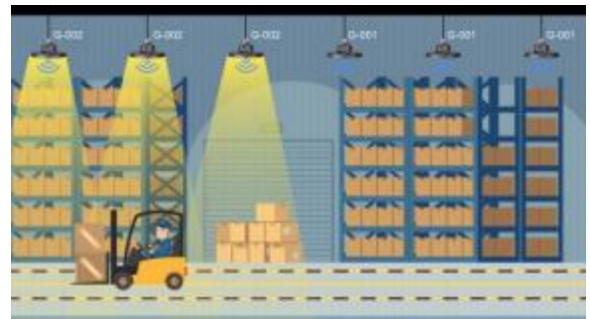
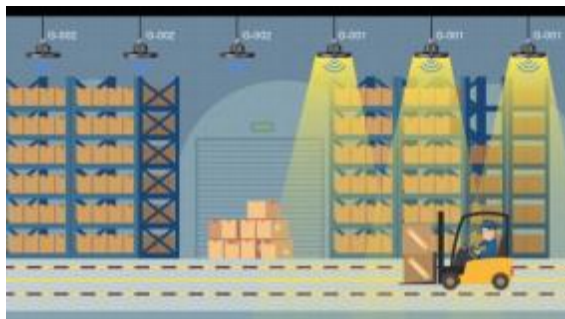
After adding the touch screen to the G-001 group using the Magic Wand smart remote control, the G-002 and G-003 groups are automatically created. The smart touch screen can control the lights in the G-001, G-002, and G-003 groups. The distance between the touch screen and the lights in the three groups should not exceed 30 meters.



Typical Working Scenarios



HOMA Technology's Magic Wand smart touch screen can form a group with the Magic Wand smart lamps through the "Magic Wand" remote control, and realize group editing and parameter setting of devices through the Wi-SUN super gateway relay. The Magic Wand series of lamps have the natural advantages of long transmission, multiple channels and automatic relay.



Users can use the Magic Wand remote control to add the Magic Wand smart touch screen to a group with one click, and use the smart touch screen to adjust the brightness and control the scene of a single light or group.

The Magic Wand smart touch screen has a variety of styles and can be used with a variety of lamps such as panel lights, line lights, tri-proof lights, mining lights, and T8 tubes. It is widely used in different scenarios such as offices, warehouses, factories, and parking lots.