M10 Zigbee Metal Smart Switch

Smart Switch

The M10 Zigbee Metal Smart Switch Panel combines minimalist aesthetics, premium metal craftsmanship and intelligent home automation in a sleek, ultra-slim design. Featuring Zigbee 3.0 connectivity, versatile control options and high-capacity switching, it supports convenient control through physical buttons, mobile applications, voice commands and automated scenes.



Overview

The M10 Zigbee Metal Smart Switch Panel combines elegant minimalist design with advanced smart home automation. Featuring a premium brushed silver anodized aluminium finish and an ultra-slim profile, it offers a sophisticated appearance that complements modern residential and commercial interiors.

Powered by Zigbee 3.0 technology, the M10 delivers reliable wireless communication and supports multiple control options, including physical buttons, mobile applications and voice commands. It offers intelligent features such as scene control, automation, scheduling, device location tracking and sleep mode.

With high switching capacity of up to 1000W per channel for resistive loads and 500W per channel for capacitive/inductive loads, the M10 ensures reliable performance. Its OTA upgrades, remote configuration and centralized management capabilities simplify installation, commissioning and ongoing maintenance.

Key features

- Minimalist Design: Award-winning iF Design-inspired appearance with an ultra-slim profile and less than 10mm front-panel thickness.
- Premium Craftsmanship: Aerospace-grade anodized aluminium surface with brushed silver finish, offering excellent durability, corrosion resistance and fingerprint protection.
- Versatile Control Options: Supports physical button operation, mobile app control and voice commands, along with scene settings, automation and scheduling.
- Powerful Smart Functions: Includes device location tracking and sleep mode for enhanced convenience and intelligent control.
- High Power Capacity: Supports resistive loads up to 1000W per channel and capacitive/inductive loads up to 500W per channel.
- Reliable Communication: Uses Zigbee 3.0 wireless technology and distributed networking for stable and dependable communication.
- Comprehensive Operations & Maintenance: Supports OTA remote upgrades, offline and remote configuration, centralized engineering configuration and one-click device updates, improving debugging efficiency by up to 90%.

Specifications

Product Specification	Details
Product Model	1-Gang / 2-Gang / 3-Gang / 4-Gang
Dimensions	86 × 86 × 36 mm (L × H × W)
Colour	Brushed Silver
Material	Metal / Anodized Aluminium
Communication Protocol	Zigbee 3.0
Power Supply	AC 110–240V, 50–60Hz
Standby Power Consumption	≤0.6W
Resistive Load	≤1000W per channel
Capacitive / Inductive Load	≤500W per channel
Total Load	≤2000W
Relay	2 Relays
Processor	Silicon Labs
Service Life	≥50,000 switching cycles at 500W capacitive load
Operating Temperature	-10°C to +55°C
Operating Humidity	≤93% RH (non-condensing)
Installation	86-type electrical box, white lime wall, light steel keel gypsum board wall and wooden installation
Control Methods	Physical buttons, mobile application and voice control
Smart Functions	Scene control, automation, scheduling, device location tracking and sleep mode
Maintenance	OTA upgrades, remote/offline configuration and centralized engineering management

Ordering information

Part Code	Product Description

RD310101	M10 1-Button Metal Switch Panel – 1-Gang, Zigbee, resistive load: 1000W, capacitive/inductive load: 500W, power supply: AC 100–240V, dimensions: 86 × 86 × 36mm, metal finish.
RD310102	M10 2-Button Metal Switch Panel – 2-Gang, Zigbee, resistive load: 1000W per channel, capacitive/inductive load: 500W per channel, power supply: AC 100–240V, dimensions: 86 × 86 × 36mm, metal finish.
RD310103	M10 3-Button Metal Switch Panel – 3-Gang, Zigbee, resistive load: 1000W per channel, capacitive/inductive load: 500W per channel, power supply: AC 100–240V, dimensions: 86 × 86 × 36mm, metal finish.
RD310104	M10 4-Button Metal Switch Panel – 4-Gang, Zigbee, resistive load: 1000W per channel, capacitive/inductive load: 500W per channel, power supply: AC 100–240V, dimensions: 86 × 86 × 36mm, metal finish.
RD310105	M10 4-Button Metal Scene Panel – 4-Button Zigbee scene controller for activating preset scenes and controlling other smart devices, power supply: AC 100–240V, dimensions: 86 × 86 × 36mm, metal finish.

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