Smart Wall Switch

Yeastar Smart Wall Switch is an IoT-powered wall switch that allows **remote control of meeting room lighting** to help workplace leaders create a smart workplace experience while also saving energy.

Once installed, the lighting can **automatically switch on** when you check into a meeting room reservation and off as you release the room. Additionally, it adheres to your pre-set working hours and will cut the lights off during non-work hours.

Yeastar Smart Switch adopts two standard sizes for most of international wall switch types and can replace the traditional wall switches directly to save costs.

- Powered by LoRaWAN® and collaborate with Yeastar Meeting Room Booking System and Yeastar People Counting Sensor to remotely control meeting room lighting

- Offer two circuit type (3-wire and 2-wire) and various switch options to cater to different needs

- Easy device configuration via NFC technology; card emulation mode also supported

- Ultra-wide-distance wireless transmission guarantees less than 1 second response time and lower latency

- Collect current, voltage, power, electrical consumption and support overload protection

- Support multicast feature to control switches in bulk

- Equipped with ice blue LED indicator; easily recognizable in a dark environment

Specifications

Model		
Smart Switch	WS50x	
Electrical		
Circuit Type	3-Wire (Neutral Required)	2-Wire (Non-neutral)
Switch Indicator	Ice Blue	
Input Voltage	100~250 VAC, 50~60 Hz	
Terminal	SPST	

Maximum Current	Inductive: 5A per Gang, Total 10 A	
	Resistive: 10A per Gang, Total 10 A	
Rated Load	Max 1000 W per Gang, total 0~2000 W	Max 1000 W per Gang, total 38 ~ 2000 W
Switches (Optional)	86 Type: 1-Gang/2-Gang	86 Type: 1-Gang/2-Gang/3-Gang
	120 Type: 1-Gang	
Measurement	Voltage (VAC), Current (mA), Power Factor (%), Power (W), Power Consumption (kWh)	---

Wireless Transmission

Technology	LoRaWAN®	
Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923-1&2&3&4	
Tx Power	16 dBm (868 MHz)/22 dBm (915 MHz)/19 dBm (470 MHz)	
Sensitivity	-137dBm	
Mode	OTAA/ABP Class C	OTAA/ABP Class B, Class C to B, Class C

Configuration & Features

Configuration	NFC Configuration
Switch Control	Local Press or Remote Control
Advanced Features	Schedule Switch, Switch Lock, Overcurrent Protection, Multicast,

Physical Characteristics

Ingress Protection	IP20	
Material & Color	Anti-flaming Polycarbonate, White (Customizable)	
Dimensions	86 Type: 86 × 86 × 40 mm (3.39 × 3.39 × 1.57 in)	120 Type: 118 × 72 × 46.9 mm (4.65 × 2.83 × 1.85 in)
Operating Temperature	-20°C to +60°C	
Relative Humidity	0% to 95% (non-condensing)	