Ajax WallSwitch
Wireless remote control relay

Turns household appliances on/off and tracks energy consumption through a mobile app or a web browser.

Tech specs

- Use: Indoor
- Actuator: Relay
- Relay service life: 200,000 switchings
- Power supply voltage: 110-240 V AC±10% 50/60 Hz
- Voltage protection for 230 V electrical network: Max – 264 V, min – 161 V
- Voltage protection for 110 V electrical network: Max – 126 V, min – 77 V
- Maximum load current: 13 A
- Maximum current protection: Yes (13 A)
- Allowed power (resistive load at 230 V): Up to 3 kW
- Allowed power (resistive load at 110 V): Up to 1.5 kW
- Electric meter option: Yes (statistics available)
- Monitoring of power consumption parameters: Yes (current, voltage, power consumption)
- Allowed operating ambient temperature: From 0°C (+32°F) to +64°C(+147.2°F)
- Maximum temperature protection: Yes (65°C (+149°F) inside the wall plate)
- Communication protocol: Jeweller (868.0-868.6 MHz)
- Radio signal power: 25 mW
- Command response time: Less than a second
- Maximum distance between detector and central unit: Up to 1,000 m (3,300 ft) (in open area)
- Power consumption in standby mode: Less than 1 W
- Ingress protection: IP20
- Operating humidity: Less than 75%
- Dimensions: 38x25x18 mm (1.49x0.98x0.70 in)
- Dimensions for mounting in the wall plate: Ø ≥ 50, depth 55 mm (2.17 in)

Maximum performance

Works up to 1,000 meters from Ajax Hub in open space or across several floors of a business center

Allows for remotely switching connected devices on and off through the app or a browser

Calculates energy consumption and shows data in the app or a browser

Protection from intruders and failure

Protected from power surges and overheating

Adjustable polling period from 12 seconds

Effortless operation

Uses a remote antenna for better reception

Operating voltage range: 110-230 V

Remembers settings after power failure

Simple professional-level installation

Installed directly in the wall plate