

Ajax Socket (8IN)

Wireless smart plug with energy monitor



Turns on/off devices on command via application	Monitors electric power consumption	Protects devices from overload and short circuit
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Everything is ready for you by the time you get home

You will come back home to enjoy comfortable climate and cozy atmosphere all year round. Turn on your heating devices during winter and air conditioner during summer. Start your air humidifier and heat water for your bath. With only a few taps in the application on your way home.

No more worrying about forgetting an iron on

When you leave your house, close the door and arm the system. All top energy consuming and dangerous appliances will be automatically switched off: water heater, TV, and computer will no longer operate idly resulting in huge electricity bills.

A boost to comfort and convenience

No more hassles and worries. Socket turns on the kettle and reboots the router without you having to leave your couch. Activate the night mode at bedtime, and, as if by magic, the lights in the house will go out and appliances will be turned off.

Does not block the adjacent sockets

We have made Socket as compact and versatile as possible. It is compatible with EU power outlets, extension blocks, and popular multi-socket plugs. Meanwhile, it does not block the adjacent sockets.

- Suitable for connecting any home appliances
- Compatible with EU type F power outlets

Identifies power vampires

Socket informs you of the devices that consume the most power. As soon as an appliance starts consuming electricity, Socket's LED ring changes color in real time.

- Socket consumes less than 1 W in standby mode

Ensures the longest communication range among smart sockets

Socket can do more than other ordinary Wi-Fi sockets. The device uses Jeweller long-range radio technology that maintains stable communication in large homes and offices.

- Jeweller - 1000 m
- ZigBee - 150 m
- Z-Wave - 150 m
- Wi-Fi - 100 m

Complies with electrical safety standards

Socket complies with the standards for electrical appliances ensuring your safety. Each smart plug is fully tested for quality of materials, effect of overtemperatures, and ability to work under load for long periods of time.

Protects curious little ones

Special shutters inside Socket protect your children and prevent them from inserting screwdrivers, pencils, and nails. They also protect from dust and splashes.

- Resistive load of 2.5 kW
- Goes off at a temperature of +85°C

Extends the life of appliances and electronics

Socket prevents failure of appliances resulting from problems in the electrical grid. The smart plug automatically interrupts power supply to appliances and electronics in case of under or overvoltage.

- Immediate warning about power interruption via SMS and Push Notifications
- It automatically resumes functioning after power normalization

Set-up in seconds

Setting up Socket is simple: after a few taps in the mobile app, you can insert the smart plug into a power outlet. The socket ring lights up when it is ready to operate.

Technical specifications

Classification	Radio channel relay unit
Device type	Wireless

Installation method	In power outlet
Compatibility	Operates only with hub Ajax and ReX
Actuating element	Electromagnetic relay
Voltage and type of external power supply	110 - 230 V, 50/60 Hz
Voltage protection for 230 V mains	Yes, 184–253 V
Relay service life	200,000 switch-ons
Maximum load current	11 A (continuous), 13 A (up to 5 s)
Maximum current protection	Yes, 11 A if the protection is turned on, up to 13 A if the protection is turned off
Maximum temperature protection	Yes, +85°C. The socket turns off automatically if the temperature is exceeded
Electric shock protection class	Class I (with grounding terminal)
Electric power meter feature	Available
Energy consumption parameter check	Current, voltage, power consumption
Alarm signal delivery time	0.15 s
Load indicator	Available
Output power (resistive load at 230 V)	Up to 2.5 kW
Average energy consumption of the device on standby	Less than 1 W
Operation modes	<ul style="list-style-type: none"> • Impulse (firmware version 5.54.1.0 or higher) • Bistable
Contact state (firmware version 5.54.1.0 or higher)	<ul style="list-style-type: none"> • Normally open • Normally closed
LED indication	Adjustable
Adjustable pulse duration (firmware version 5.54.1.0 or higher)	0.5 – 255 sec
Jeweller radio technology	<p>Communication range with central unit — up to 1,000 m in an open space</p> <p>Two-way communication between devices</p> <p>Operating frequencies — 865-867 MHz</p> <p>Self-adjusting RF output power — limit 20 mW</p> <p>Block encryption based on AES algorithm</p> <p>Detector scanning period — 12–300 s</p>
Operating temperature range	0°C to +40°C
Permissible humidity	Up to 75%
Protection class of body	IP20
Anti-sabotage	<p>Protection against fraud</p> <p>Jamming detection</p>

Remote setting and testing	+
Dimensions	65.5 x 45 x 45 mm
Weight	58 g
Warranty	Replacement and repair within 24 months of the date of sale.