



IQconbox

Intelligent power controllers

Solutions to control and save energy

Highlights

- Enhanced power control actions
- Control by mobile phone or over Internet
- Temperature + power outage monitoring
- High level of data security
- Actions on alarm events
- External sensors support + battery
- Designed for DIN rail installations



IQ homebox was designed for DIN rail installations to control power of electrical equipments remotely over phone, tablet or computer according to collected information from external sensors.

Solutions

Let's imagine : you are coming to your apartment and wishing to turn on aircondition just before arrival | it's -5° Celsius and your wireless device on 35m tower just died and has to be restarted | you went to vacation and forgot to turn off flat-iron? | Temperature passed over +40° Celsius an cooling system in your technical room has to be turned on. DO YOU STILL THINK YOU DON'T NEED IQ homebox SOLUTION?

Access from everywhere

Intelligent IQ homebox can be simply controlled remotely by traditional phone, mobile phone , smart-phone, tablet or traditional PC. Controlled by SMS, voice navigated phonecall, mobile phone comfortable application or PC.

Monitoring

Power status, power outage, sensor generated events and other 21 alarms are sent over SMS. IQ conbox generate triggered alerts to notify user about events and run appropriate actions. Device has integrated battery for 6 hours of operation.

Control different ways

Two power outputs can be controlled remotely by user, built-in scheduler or an event. Power control consist of many optionable actions such as: turn on/off, switch, turn on/off for configured seconds, delayed turn on/off, actions scheduling and more.

Expandable with sensors

Power controller support many optional sensors to monitor environment and generate alarms on pre-configured events. Supported are external sensors like temperature / humidity / motion / smoke / gas detectors / door switch and more.



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notebook



tablet



smartphone



mob.phone



light



boiler



heating



garden



thermometer



Model	IQsocket mobile
Input power	100V – 240VAC/15mA or 12VDC
Power consumption	3W
Output relay	2 x up to 230VAC/16A - resistive
Output power	12VDC / 500mA not backed up by battery 12VDC / 100mA backed up by battery
Data interfaces	GSM SIM socket, Bluetooth 2.0, SD card slot
Inputs	one input for 8 temperature / humidity sensors three digital inputs 0-30VDC all inputs 50 compatible one AD input 0-50VDC (30VAC) one AD input 0-5VDC
Control and configuration	Configuration, control and monitoring over SMS, Bluetooth, IQcontrol software or voice navigation
Indicators	POWER: red LED GSM: green LED OUTPUT1,2: yellow LED DIG.INPUT1-3: green LED UNIV.INPUT: blue LED
GSM	Quad band 850 / 900 / 1800 / 1900 MHz SIM Plug-in 3V, external SMA connector + 2dBi ant
Battery	LipoI, 750mAh; over 6 hours of operation
Dimensions	55 x 60 x 90 mm

Software features

Controlling: manual button, mobile/smart/desktop phone, tablet, notebook, PC : SMS/BT/IVR

Power actions: turn on/off, delayed turn on/off, switch, turn on for N minutes, switch status for N seconds

Controlled sockets: output power socket, external passive power sockets over optional RF interface

External sensors support: temperature / humidity / motion / gas / sensors

Security: user list, admin phone number, admin and user PIN, bluetooth and IVR PIN

Automation: action scheduler, thermostat

Other features : event log, power status (avail./outage), triggered alerts, FW upgrading, 21 independent alerts