



# **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.



# IQconbox

## Intelligent power controllers

*Solutions to control and save energy*



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 backuped by battery 12VDC / 100mA backuped by battery
Data interfaces	GSM SIM socket, Bluetooth 2.0, SD card slot
Inputs	one input for 8 temperature / humidity sensors two digital inputs 0-30VDC one digital input AC/DC 0-30V all inputs S0 compatible one AD input 0-30V AC/DC one AD input 0-5V AC/DC
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	Lipol, 1000mAh; over 6 hours of operation
Dimensions	25 x 120 x 70 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