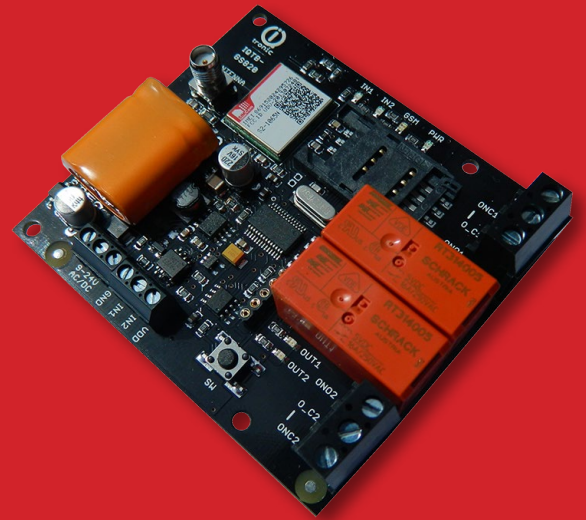# IQtronic
Solutions to control and save energy

IQboard
Intelligent power controllers

Highlights

Two controlled power outputs

Scheduled and on event power control

Control by mobile phone, tablet or PC

Power outage monitoring

Two digital inputs

High level of data security

Actions on alarm events

*IQboard mobile was **designed for DYI fans and service providers** to control power of electrical equipment over phone, tablet or computer according to events on optionable external sensors.*

Solutions

Let's imagine : you are coming to your apartment and wishing to turn on aircondition just before arrival | it's -5º 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 +40º Celsius an cooling system in your technical room has to be turned on. | Or just playing with any remote controlled ideas?

Access from everywhere

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

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, turn on/off for configured seconds, restart, action scheduling and more.

Monitoring

Power status, power outage, sensor generated events and other alarms are sent over SMS. IQboard generate triggered alerts to notify user about events and run appropriate actions.

Expandable with sensors

Power controller has two digital inputs and support many external digital sensors to monitor environment and generate alarms on preconfigured events.
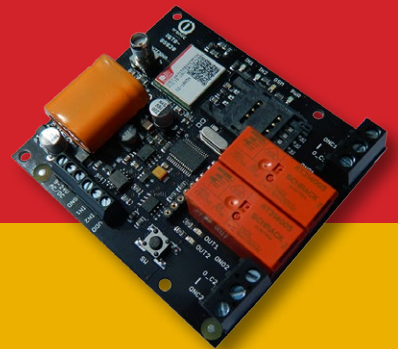
IQtronic
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www.IQtronic.com

IQboard

Intelligent power controllers

notebook   tablet   smartphone   mob.phone

light   boiler   heating   garden   thermometer

Model	IQsocket mobile
Input power	8 – 24V AC/DC
Power consumption	3W
Output relay	2 x up to 230V AC/16A - resistive load
Data interfaces	GSM SIM socket standard, Bluetooth 2.0
Inputs	two digital inputs 0-30VDC, detection threshold 2V
Control and configuration	SMS, Bluetooth, IQcontrol software or voice navigation
Indicators	POWER: red LED | GSM: green/red LED OUT1,2: yellow LED DIG.INPUT1,2: green LED
GSM	Quad band 850 / 900 / 1800 /1900 MHz external SMA(f) connector + 1dBi ant included SIM Plug-in 3V
Supercapacitor lifetime	1 mil. charging cycles, up to 3 years at 25 C
Dimensions	83 x 73 x 25 mm
Weight and Environment	80g; -10 .. +50 °C ; max. 80 % rel.humidity
Antenna	included - external 2dBi, SMA female connector
Typical applications	Smart house power control Gate control Garden irrigation control Power outage monitoring WISP on-tower wireless control

Software features

Controlling: manual button, mobile/smart/desktop phone, tablet, notebook, PC : SMS/BT/IVR
Power actions: turn on/off, turn on for N minutes, restart
Controlled outputs: two independent relays
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
Other features : event log, power status (avail./outage), triggered alerts, FW upgrading, alerts