



IQsocket LAN

Intelligent power sockets

Solutions to control and save energy

Highlights

Enhanced power control actions

Control over **LAN network or Internet**

Temperature monitoring

High level of data security

Actions on alarm events

SNMP and web integration + IP watchdog



IQsocket LAN was designed to control power of electrical equipments remotely over LAN/WAN or Internet.

Solutions

Let's imagine : you are coming to your weekend cottage and wishing to turn on heating over Internet just before arrival | your wireless technology on 35m tower just died and has to be restarted by your network operator remotely | server is facing power outage and you don't know about it | Temperature passed over +40° Celsius and cooling has to be turned on. DO YOU STILL THINK YOU DON'T NEED IQsocket SOLUTION?

Access from everywhere

Intelligent power socket can be accessed remotely over Internet by smartphone, tablet , notebook or traditional PC. Simply via WEB interface or by LAN/WAN SNMP platforms or tools.

Monitoring

User can view or control power socket status remotely using by Internet browser or network monitoring tools. It has built-in IP watchdog which control socket's output power or send SNMP alarms/traps to notify network managers about new event. All events are logged in IQsocket log.

Control different ways

Power socket can be controlled manually by user, by built-in scheduler or on watchdog event. Power control consist of optionable actions such as: turn on/off and turn off for preconfigured time in seconds (restart).

Network watchdog

Network IP watchdog provides an option to interrupt socket's output power for few seconds (called also reboot). With this feature - network operators are able to reboot their network devices automatically after they stop responding ICMP packets according to preconfigured rules.



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notebook



tablet



smartphone



light



boiler



heating



garden



thermometer



Model	IQsocket mobile
Input power socket	90 - 250V / 50Hz
Power consumption	3W
Output power socket	230V / 16A / 50Hz, switching relay 30A
Data interfaces	10BaseT Ethernet, RJ-45
Control and configuration	HTTP web management interface SNMPv1.0/2.0 Manual control using push button
Indicators	POWER: red LED LINK/ACT: green LED OUTPUT: yellow LED
Security	Web admin account - web management SNMP read/write community passwords
Dimensions	140 x 65 x 55mm(92mm w/ plug)
Humidity	max. 80%, non-condensing
Weight	200g

Software features

Controlling: smart phone, tablet, notebook, PC : Internet

Power actions: manual button, turn on/off, turn off for N seconds (reboot)

Controlled: output power socket

Sensors support: built-in temperature sensor

Security: web admin account + SNMP get/set password

Automation: scheduler

Other features : NTP, SNMP v1/2, event log, IP watchdog ICMP rules(max.3), FW upgrading, scheduler