

Secure Enterprise Power Management

⦿ Enterprise Power Management

The iPWRSwitch8® from International Power Switch ApS enables you to manage and control your company's power for servers and network equipment, remotely from any location in the world. Every power outlet can individually be turned on, turned off or rebooted.

International Power Switch provides the unique ability to connect an almost unlimited range of sensors to your power management solution in order to monitor the levels of e.g. temperature, humidity and smoke in your server rack.

⦿ The solution that grows with you

The unique scalability of the iPWRSwitch8 lets you control and manage eight to 60,000 or more power outlets to your servers and network equipment.

In addition, you can monitor and manage more than 200,000 individually defined sensors for temperature, humidity, water, smoke, and more.

⦿ Maximum System Uptime

The iPWRSwitch8 secures maximum availability by monitoring and responding automatically to alerts. Faster response time means improved system uptime.

⦿ User-Friendly

Your power management solution from International Power Switch provides you with an easy overview of all installed power management components. The iPWRSwitch8 and the sensors can be easily configured by choosing standard templates or doing it from scratch.

⦿ Future-proof design

The processor capacity of the iPWRSwitch8 is strongly dimensioned from the start, making it possible to upgrade with extended functionality and intelligence in future versions of the IPS Power Management software.



iPWRSwitch8 frontplane

1 Indicators

Status lights displays:

- iPWRSwitch8 Power
- Warnings
- Outlets on/off

2 Sensor Ports

With the built in sensor ports, it is possible to measure and act/react. Sensor types include temperature, water levels and other types of sensors.

3 Ethernet

Connects through standard Ethernet to minimize wiring cost and make use of already installed infrastructure.



iPWRSwitch8 backplane

4 Power In

Connect either to a UPS or electrical power.

5 Power Outlets

Connect to all electrical devices like: servers, switches, router, firewalls, PABX and many more.

The unique patent-pending* features of the iPWRSwitch8 make it the obvious choice when dealing with critical Enterprise Power Management.

⊙ True Network solution

The iPWRSwitch8 is easily connected to and installed in the network via TCP/IP. When extending with more Power Switches, you simply plug them into the network with their own IP address. The iPWRSwitch8 is scalable from eight to 60,000 or more power outlets. Everything is controlled and managed by the IPS Power Management Software.

⊙ 200,000 Sensors

30 sensors can be connected to each iPWRSwitch8. It is possible to read and control more than 200,000 sensors for Enterprise installations. Different types of sensors can be connected to measure temperature, humidity, water, smoke, etc. Based on sensor values, outlets can be programmed individually to turn the power on and off. Warnings are sent via e-mail from the Power Switch or via the IPS Power Management Software.

⊙ Smooth Integration

Easy accessible interface allows integration into other systems via SOAP/API or SNMP.

⊙ The IPS Power Management Software

The basic configuration and management software configures and controls your power outlets, the Power Switches and their sensors. The software can supervise all installed sensors and react on all events in a pre-defined way.

⊙ Power Sequencing

The iPWRSwitch8 makes it possible to avoid power surges and overloads of UPS by controlling "power on" and "power off" sequences. User-defined sequences include outlet order and time delay.

⊙ Power Metering

The iPWRSwitch8 monitors and controls the level of power consumption for every single power outlet.

⊙ Maximum Security

The iPWRSwitch8 is using SSL as the strongest security protocol for communication and managing the Power Management Solution via network. Each Power Switch is configured from the factory with unique username and password.

Reseller

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* Patent pending number PA200301615