

# ePowerSwitch 8M+



**ePowerSwitch 8M+** is a power distribution and control unit that enables remote power management of eight devices over Intranet or the Internet. The number of controlled power outlets can be extended up to 40 by cascading up to 4 ePowerSwitch 8XS models through RJ45 CAT 5 network cables.

### On, off and restart functions

Each power outlet can be individually controlled through an Ethernet or RS232 Terminal connexion to turn On/Off or restarted the connected device.

### Two separate AC power inputs

They allow the creation of two separate power supply circuits to control servers with redundant power supplies and provide a total power-delivering capability of 46000 VA.

### Power outlet grouping

Groups of 2 power outlets can be controlled as one. Ideal for servers with redundant power supplies.

### Access rights: up to 40 user accounts

The administrator performs the configuration and the power outlets control through a web browser. He also creates and specifies the outlets access rights for up to 40 users.

### Easy and fast configuration

The network parameters configuration can be done through a serial console interface or through the provided convenient Windows tool.

### On line help

A contextual on line help can be used anytime during the configuration.

### DHCP client

This option simplifies the network configuration management.

### IP security

8 security masks can be used to grant or deny access to one specific IP address or to a group of IP addresses.

### Syslog messages

Event logs (connection, disconnection, power outlet control or power failure) can be sent to 2 Syslog Servers.

### Programmable restart delay

The administrator can set a restart delay for each power outlet (between 0 and 60 seconds). Furthermore, he can define the outlet default status after a power failure.

### Sequential power up/down

Avoids the risk for a power inrush to blow a fuse or circuit breaker in the data centre.

### IP device monitoring

The Watchdog function lets you monitor eight IP devices with specific services or ports (servers, routers, camera...). In case of lock-up of the monitored device, this one can be automatically rebooted.

### Programmable labels

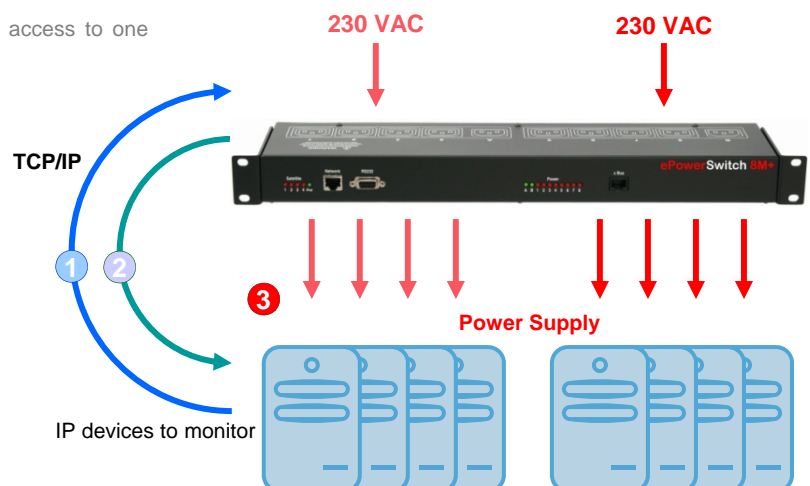
A 32-character label can be attributed to the ePowerSwitch and to each power outlet to avoid confusion during operation.

### Developer facility

Developers can use the hidden page functionality for an easy implementation of the power outlet control through the network in their own program.

### The Watchdog function

- 1 ePowerSwitch sends a Ping / Scan request.
- 2 The monitored device acknowledges the request.
- 3 The monitored device is automatically rebooted in case of lock-up.



# ePowerSwitch 8M+



## Benefits

- Remote power control of 8-40 power outlets.
- 8 power outputs 10 A, 2 power inputs 10A.
- Outlet grouping 2 by 2.
- Watchdog function: monitoring of 8 IP devices with automatic reboot in the event of lock-up.
- Power-up sequencing avoids in-rushes currents at start-up.
- Programmable restart delay for each power outlet.
- Access protected by 32-character names and passwords (1 administrator and 8-40 user accounts).
- Event logs can be sent to 2 Syslog Servers.
- Free definable labels for the device and each power outlet.
- Easy and fast configuration.
- Occupies only 1U of rack space, possibility of vertical mount.
- Status LEDs for both AC sources, network and power outlets.
- Firmware updateable over the LAN.

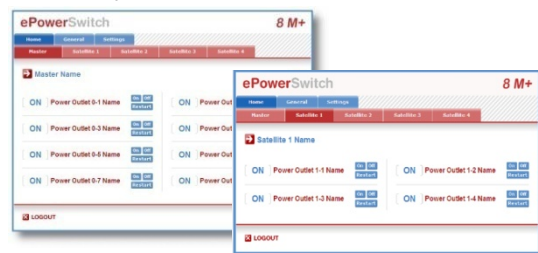


## Cascading of up to 5 devices

1 ePowerSwitch 8M+ and 4 ePowerSwitch 8XS control 40 power outlets over only one IP address.  
Total current load: 100 A / 230 V.

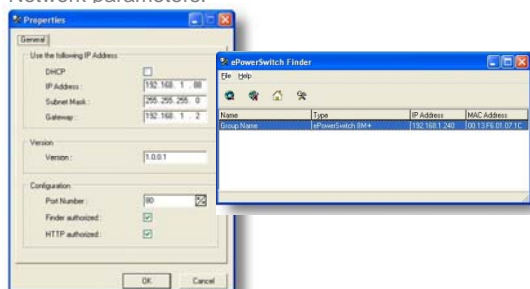
## Web Pages

An easy to use set of tabs allows to configure the web server and to control the power outlets.



## Windows configuration tool

This convenient Windows program provides an easy and quick way to configure your ePowerSwitch especially by the first settings of the Network parameters.



Front side / Back

A series of front-panel LEDs provide quick status view.  
2 separate AC inputs allow power managing of devices with redundant power supply and a total load of 20 A.

## What's included

- ▶ 1 EPS 8M+-XX (XX specifies the delivered power cable)
  - ▶ 2 power cables 1,8 meter IEC-320-C13 / EU, CH or UK standard
- EU = Schuko/Europe, CH =Swiss, UK = United Kingdom
- ▶ 1 serial cable (SUB-D9 male/female) 1,80 meter
- ▶ 1 CD-ROM with User Guide in English and Windows IP configuration tool

## Technical Features

- ▶ 2 power inputs: IEC 320 EN 60320 C14 (M) 10 A
  - ▶ Nominal input voltage: 230 V/50Hz
  - ▶ Maximum current/outlet: 10A
- ▶ 8 power outputs: IEC 320 EN 60320 C13 (F)
  - ▶ Output voltage: 230 V/50Hz
  - ▶ Maximum current/outlet: 10A
- ▶ Network standards: IEEE 802.3, 10BASE-T
- ▶ Network protocols: TCP/IP, HTTP, Syslog
- ▶ Network connection: RJ-45 for UTP CAT5
- ▶ Max.network cable length: 100 m (not included)
- ▶ Terminal connection: RS-232, SUB-D 9 female
  - ▶ Connection Bus: RS-485, RJ-45
- ▶ LEDs: for power supplies, power socket status network traffic and connected Satellites
- ▶ Operating temperature: 0°C to +40°C
  - ▶ Operating humidity: 10% to 80%
  - ▶ Dimensions: 437 x 107 x 42 mm
  - ▶ Weight: 2 kg
- ▶ Approvals: CE, EN55022 & EN55024, RoHS
- ▶ Guarantee: 2 years repair or replace

Distributor :

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EPS-8M+ Datasheet 200808 08