

# ePowerSwitch 8XS



**ePowerSwitch 8XS** Satellite is a power distribution and control unit that enables power management of 8 devices through an RS232 or RS485 serial connection. If more than 8 power outlets are needed, this number of controlled power outlets can be extended up to 128 by cascading 16 ePowerSwitch-8XS units using standard RJ45 CAT5 network cables.

The control of the power outlets can be performed either through an ePowerSwitch with built in web server (4XM, 8XM, 8M+ or 8M+/32) or through the VizioGuard environmental monitoring system. Thanks to its dual RS232 and RS485 serial interfaces, this power distribution unit can be easily controlled through most of the KVM switches, a console server or any other equipment with an RS232 or RS485 serial interface.

### On, off and restart functions

Each power outlet can be individually controlled through a RS232 or RS485 connection to turn ON, OFF or restart the connected equipment.

### Cascadable devices

Up to 16 ePowerSwitch 8XS can be chained with standard RJ45/CAT5 network cable allowing the control of 128 power outlets through one serial connection.

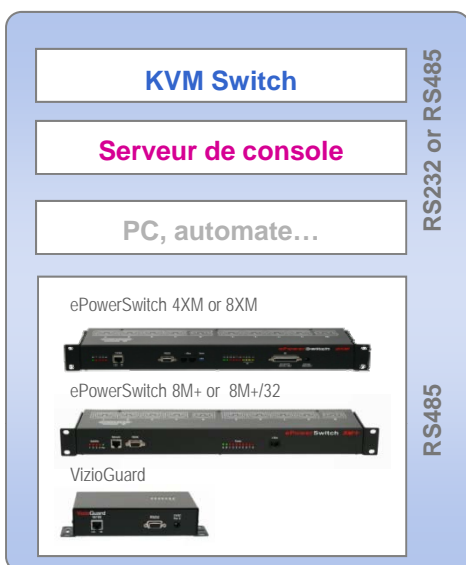
### ePowerSwitch 4XM, 8XM, 8M+, 8M+/32 or VizioGuard compatible

This ePowerSwitch 8XS can control up to 32 power outlets through an ePowerSwitch 8M+ or 8M+/32 Master and up to 128 power outlets through an ePowerSwitch 4XM, 8XM or a VizioGuard environmental monitoring system.

### Most of the KVM switches compatible

Thanks to its dual serial interfaces and a ASCII simple command protocol, the ePowerSwitch 8XS is the ideal solution to control power outlets through a KVM switch, a console server or a PC.

### Power control over a serial connection



### Two separate 10A 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 4600 VA.

### Programmable power-up sequencing

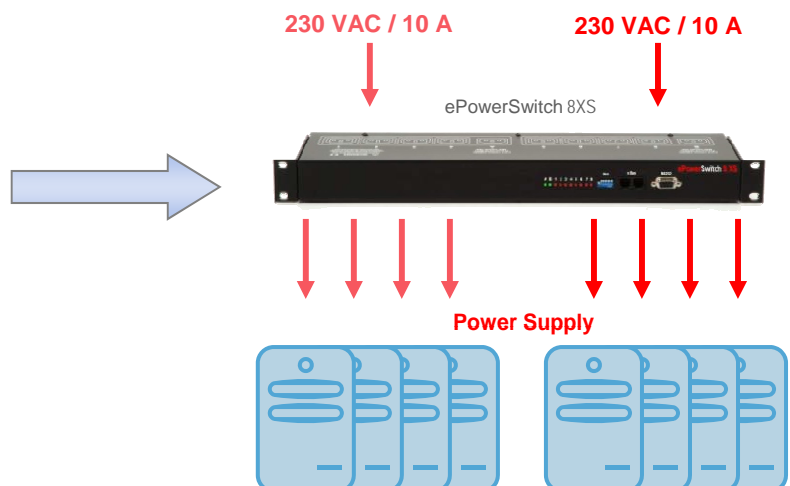
This prevent tripping of the building's main circuit-breaker at start-up or after a power failure. It also allows to define the start-up order of the connected units (from 1 to 3600 s).

### Firmware update over the serial port

The firmware of this product is updateable over the RS232 serial port.

### Configuration backup

All the configuration data are stored in a non volatile memory.



# ePowerSwitch 8XS



## Benefits

- Eight 10A power outputs
- Two separate 10A power inputs
- 16 cascadable units to control up to 128 power outlets over only one serial connection.
- Power outlets control through ePowerSwitch 8M+, 8M+/32, 4XM, 8XM and VizioGuard environmental monitoring system.
- Serial interface with ASCII protocol for the power outlets control over a KVM switch, console server, PC...
- Special high current relay (120 A / 20 ms).
- Programmable restart delays.
- Programmable power-up sequencing.
- Firmware update over the serial port.
- Occupies only 1U of rack space.

## Configuration and control over an easy-to-use interface

The ePowerSwitch 8XS can be easily configured and controlled through an RS232 or RS485 Terminal connection using ASCII commands. All configuration settings are saved in a non-volatile memory.

KVM Switch or console server  
RS232 or RS485

Up to  
16 units



Control of up to  
128 servers  
over a KVM switch  
or a console server

### Command example:

```
P168=1      Switch power outlet #8 of ePowerSwitch #16 to ON.  
R81[CR]    Read status of power outlets #1 of ePowerSwitch #8.  
P41=r,10,20 Restart power outlet #1 of ePowerSwitch #4,  
switch power outlet OFF after a delay of 10 sec.,  
then switch it again to On after a delay of 20 sec.
```

### The ASCII commands enable following functions:

- Control of each power outlet
- Read out the status of each power outlet
- Set the power up delay of each power outlet
- Read out the power up delay of each power outlet
- Set the restart delay of each power outlet
- Read out the restart delay of each power outlet
- Set the power up default status
- Read out the power up default status
- Read out the switching counters of each power outlet
- Reset the switching counters of all power outlets
- Restore the factory settings



Front side / Back

A series of front-panel LEDs provide quick status view.  
2 separate 10A inputs.

## What's included

- ▶ 1 EPS 8XS-XX (XX = EU, CH or UK)
- ▶ 2 power cables, 1,80 meter, IEC-320-C13 /EU (Schuko/Europe), CH (Swiss) or UK (United Kingdom) standard
- ▶ 1 link up cable (RJ45 network cable for xBus connection), 1,80 meter
- ▶ 1 SUB-D 9 M/F, 1,80 meter
- ▶ 1 quick start guide
- ▶ 1 CD ROM with user guide

## 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
- ▶ RS232 interface: female SUB-D 9
- ▶ RS485 interface (xBus): RJ45
- ▶ LEDs : 1 for power supply A  
1 for power supply B  
and 8 for power socket status
- ▶ Operation 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 :