



ePowerSwitch 8XS/32 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/32 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 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/32 can be chained with standard RJ45/CAT5 network cable allowing the control of 128 power outlets through one serial connection.

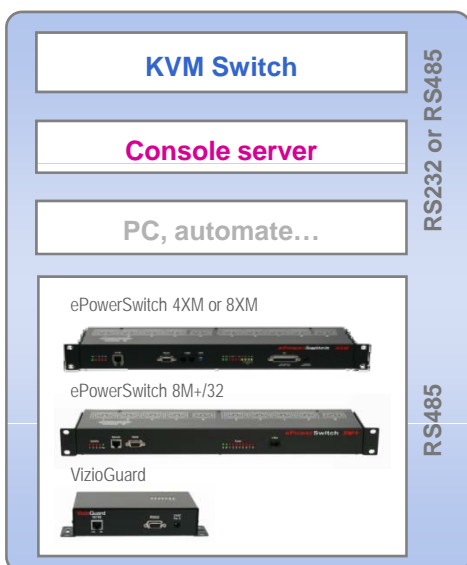
ePowerSwitch 4XM/8XM, 8M+/32 & VizioGuard compatible

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

Most of the KVM switches compatible

Thanks to its dual serial interfaces and a ASCII simple command protocol, the ePowerSwitch-8XS/32 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 16A 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 7360 VA.

Current probe

The current of each input can be remote monitored through an ePowerSwitch 8M+/32, 4XM, 8XM or a VizioGuard environmental monitoring system. Rules can be created to control power outlets, send Syslog alerts, Emails or SNMP traps when predetermined alert threshold are exceeded.

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.

Benefits

- Eight 10A power outputs
- Two separate 16A power inputs
- 16 cascadable units to control up to 128 power outlets over only one serial connection.
- Power outlets control through ePowerSwitch 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.

**Total power capability
higher than 7000 VA**



Back

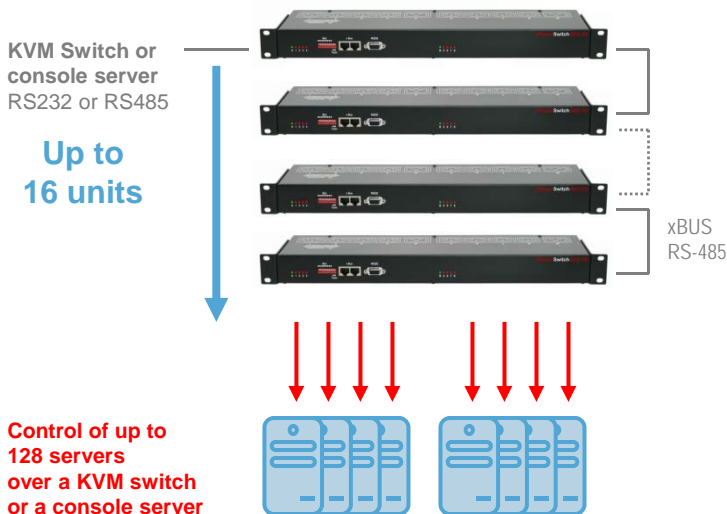
2 separate 16A inputs with current probe.

Front side

A series of front-panel LEDs provide quick status view.

Configuration and control over an easy-to-use interface

The ePowerSwitch 8XS/32 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.



What's included

- ▶ 1 EPS 8XS/32-EU
- ▶ 2 power cables, 1,80 meter IEC-320-C19
- ▶ 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 C19 (M) 16 A
 - ▶ Nominal input voltage: 230 V/50Hz
 - ▶ Maximum current/outlet: 16A
- ▶ 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

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

Distributor :