

SPC420/820/1620

Power Control Device

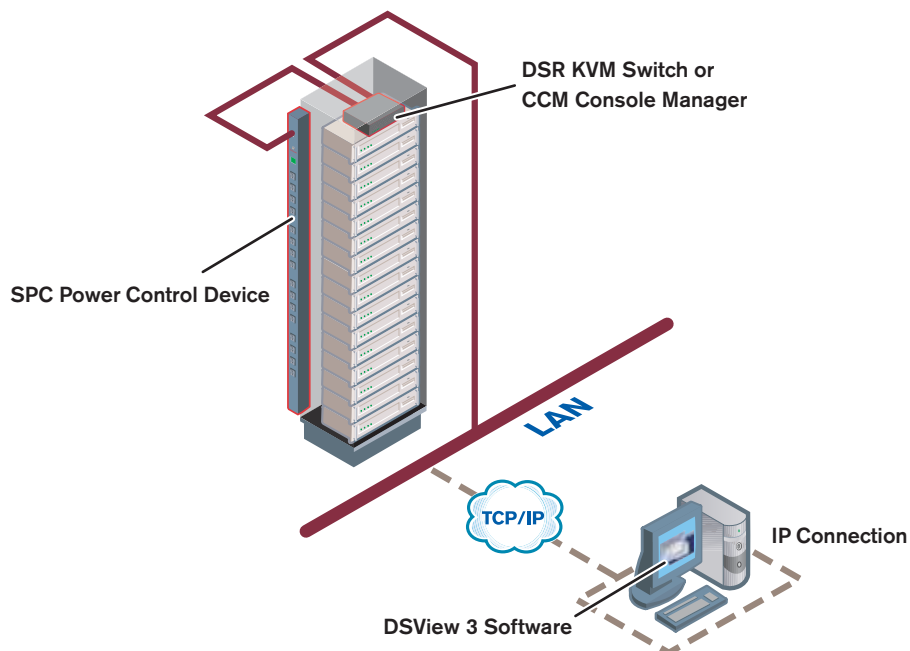


Reboot or Power Cycle Data Center Devices with the Avocent Secure Power Management over IP Solution

The Avocent SPC power management over IP solution sets new standards in the way you securely monitor and manage power to your business-critical servers and other data center network devices. Using Avocent DSView[®] 3 management software, you can remotely reboot or power cycle servers and network devices from any location using TCP/IP connectivity. Combined with Avocent DSR[®] KVM switches and the CCM console management appliance, the SPC power control device delivers advanced power management and security. The SPC device provides enhanced security options, including password protection, port-specific access rights and port groupings. DSR KVM switches and CCM appliances add authentication and multiple levels of data encryption for advanced user security.

The latest version of DSView 3 software integrates power control into seamless click and connect access. DSView 3 software lets you easily associate server names with actual power outlet ports on the SPC power control device. This feature eliminates the need to memorize the DSR/CCM/SPC appliances and SPC port combinations of the target server or the assigned user permissions. DSView 3 software also allows grouping of servers with dual power supplies connected to two power circuits. DSView 3 software separates the power supplies on different power sources for true redundancy and control of dual-powered servers.

When combined, the DS Series DSR KVM switches or CCM console manager and the SPC power control device provide secure access and power monitoring using standard TCP/IP connectivity. The DS Series platform provides reliable access and control of servers, routers, firewalls and SPC power devices – all from Avocent's DSView 3 software.



Benefits

- Intelligent Power Management**
 Individual, addressable power outlets let you remotely reboot devices from any location in the data center or across the globe.
- Security**
 In addition to port-specific and command-specific access control, the SPC power control solution provides advanced user authentication and data encryption when combined with Avocent DSR KVM switches and CCM appliances.
- Power Monitoring**
 Dynamically measures and reports total input current load and indicates on/off status for every port.
- Power Control**
 Features command-line local and remote power on/off and cycling.
- Energy Efficiency**
 Power-on sequencing eliminates inrush current overload, which lets you maximize the number of devices on a single circuit.
- Click and Connect Access**
 Avocent DSView 3 software, using IP connections, provides secure click and connect access to any connected SPC power control device. DSView 3 software lets you easily associate server names with actual power outlet ports on the SPC device.
- Ease of Use**
 Available in 4-, 8- and 16-outlet models, with configurable port grouping and naming, multiport commands and enhanced administration.

Hardware Specifications

Mechanical

SPC420

Height (V only) 17.25 in. (45.81 cm)
Width 2.4 in. (6.09 cm)
Depth 1.75 in. (4.45 cm)

SPC820

Height (V) 45.1 in. (109.47 cm), (H) 1.75 in. (4.45 cm)
Width (V) 2.0 in. (5.09 cm), (H) 17 in. (45.18 cm)
Depth (V) 1.75 in. (4.45 cm), (H) 8 in. (20.32 cm)

SPC1620

Height (V) 62 in. (157.66 cm), (H) 5.5 in. (8.89 cm)
Width (V) 2.0 in. (5.09 cm), (H) 17 in. (45.18 cm)
Depth (V) 1.75 in. (4.45 cm), (H) 8 in. (20.32 cm)

Power Input

Nominal input voltage (V) 115 VAC, 20A & 30A & 208 VAC, 30A
(H) 115 VAC, 20A & 30A

Input frequency 50/60 Hz

Current ratings 15A, 20A, 30A

Input connector plug(s) Available in straight blade and twist-lock plugs. 15A and 20A units have removable plugs. 30A units have fixed twist-lock plugs or unterminated cable.

Power Output

Receptacles (H) IEC 60520 / C15, NEMA 5-15R
(V) NEMA 5-15R & IEC 60520 / C15

Rating 10A (per outlet)

RJ-45 console port EIA-252

Overload protection Inrush prevented by power-on sequencing

Conformance

Approvals US & Canada (cTUVus mark) to UL 60950 5rd Ed. and CAN/CSA 22.2 No.60950-00, European Union (TUVGS mark) to 60950, Germany (GS) and Japan (UCCI)

LED Indicators

On sense (green) Indicates power status

Load sense Dynamically displays cumulative current load

(H) - Horizontal device

(V) - Vertical device

Ordering Details

Power devices Please visit www.avocent.com for price list with all available part numbers

Accessories (included) RJ-45 reversing cable
RJ-45 to DB9F-DCE serial port adapter
Rack mount kits

Warranty Two Year

Features

Integrated Power Management

Access to SPC power control device from DSView 5 software provides built-in support for servers with multiple power supplies and reduces the possibility of inadvertently switching off the wrong server/target device.

Higher Amperage

The SPC device with 208V @ 30 Amp doubles the power load delivered to the rack without increasing the electrical infrastructure.

On/Off Power Indicators

With DSView 5 software, easily view the SPC devices power outlet on/off status without entering the server room/data center.

Power-Up Sequencing

Avoid branch circuit overload (often caused by inrush current) when turning on the SPC device.

Naming Associations

Create an association between a server name and specific SPC outlet port(s).

Redundant Power Supply Configurations

Single connect and click power control of dual/multiple target devices that are powered from independent branch circuits/power sources.

Power Monitoring

Dynamically measures and reports total input current load and indicates on/off state for every port.

Local and Remote Power Load Measurement

Hot plug additional SPC devices without the risk of overloading the branch circuit.



Corporate Headquarters
4991 Corporate Drive, Huntsville, AL 35805
TEL 866.277.1924 FAX 256.430.4030
www.avocent.com

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