

# Remote Power Switches

## 8 and 16 plugs

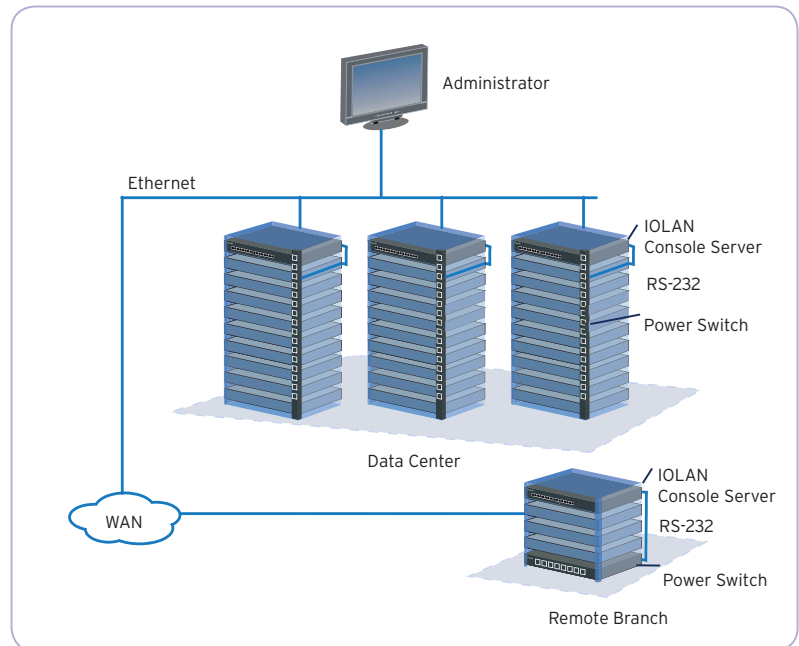


### Features and Benefits

- Improve administrative efficiencies with integrated multi-outlet power control, all from a single vendor
- Increase uptime
- Maintain Business Continuity
- Proactively identify and manage problems to improve mean time between failure (MTBF)
- Restore IT assets without dispatching service personnel to remote Data Centers
- Independent Control of Power Ports
- Dual AC Power Bus Architecture
- Horizontal and Vertical Form Factor Models with NEMA or IEC Plug standards
- Emergency Manual Power Switch

Perle's Remote Power Switches (RPS) enable you to remotely power on/off/cycle Data Center equipment to reduce downtime, service costs and resources. Operate as an integrated solution with IOLAN Console Servers or as a standalone device over Ethernet.

Complex IT infrastructure server platforms such as Windows 2003, networking and telecom equipment are sometimes prone to entering states that are not recoverable through normal remote administrative commands even at the BIOS level. The last resort activity is a hard reboot, which requires the administrator to physically power cycle the equipment. This is not only an inconvenience to the administrator, especially if it is remotely located or if it happens in the middle of the night, which lengthens the downtime, disrupts business continuity and increases service costs. The Perle RPS, an intelligent power switch located near the equipment, can remotely power cycle the equipment to restore functionality resulting in decrease risks by reducing mean time to recovery (MTTR).









### Integrated Management with Perle IOLAN Console Servers

When used with the IOLAN console servers, Perle Remote Power Switches form an integral part of a total Data Center management solution. Remote power management of equipment takes advantage of the extensive security such as SSH/SSL encryption, RADIUS, TACACS, Kerberos, LDAP, NIS and SecurID authentication schemes provided by IOLAN console servers.

Through a power hot-key tool on the IOLAN, administrators can power cycle equipment while they are still in their serial console session, enabling them to monitor equipment start-up messages as it is restored.

### Class Leading Support and Warranty

All Perle models are backed by the best service and support in the industry including Perle's unique 2 year warranty. Since 1976 Perle has been providing its customers with networking products that have the highest levels of performance, flexibility and quality.

Technical Specifications				
	RPS830	RPS820	RPS1630	RPS1620
<b>Interface Descriptions</b>				
Serial console port to IOLAN	DB-9M, RS232C	DB-9M, RS232C	DB-9M, RS232C	DB-9M, RS232C
Ethernet, RJ45, 10baseT	✓	✓	✓	✓
<b>Power</b>				
Voltage: 50/60Hz	100-120VAC	208-240VAC	100-120VAC	208-240VAC
AC Input and Connectors	(2) x15A IEC320-C14	(2) x10A IEC320-C14	(2) x15A IEC320-C14	(2) x10A IEC320-C14
AC Output Total Amps	30 Amps	20 Amps	30 Amps	20 Amps
AC Output Receptacles / Plugs	 (8) NEMA 5-15	 (8) IEC320-C13	 (16) NEMA 5-15	 (16) IEC320-C13
<b>Physical/Environment:</b>				
Dimensions: 1U: 17.5" (44.5 cm), 7.0" (17.8 cm), 1.75" (4.5 cm)	1U	1U	0U	0U
0U: 1.75" (4.5 cm), 3.00" (7.6 cm), 43.75" (111.1 cm)				
Operating Temperature 32°F to 122°F (0°C to 50°C)	✓	✓	✓	✓
Humidity 10 to 90% RH	✓	✓	✓	✓
Weight (shipping weight)	9 lbs. (4.1 Kg)	8 lbs. (3.6 Kg)	11 lbs. (5 Kg)	10 lbs. (4.5 Kg)
<b>Approvals</b>				
UL, cUL, FCC Class A, RoHS	✓	✓	✓	✓
CE		✓		✓
<b>Other</b>				
AC Line Input Cords supplied	✓		✓	
Warranty	2yrs	2yrs	2yrs	2yrs
Part Number	04032000	04032100	04032200	04032300

Optional Accessories	Description	Part Number
RPSPcordEU	6 ft power cord IEC320-C13 to IEC320-C14 for Perle RPS820 and RPS1620	04032112
RPSPcordUK	Two 6 ft power cords for UK and Ireland, IEC320-C13 to BS1363 for Perle RPS820 and RPS1620	04032111
RPSPcordC13C14	6 ft power cord IEC320-C13 to IEC320-C14 for Perle RPS820 and RPS1620	04032110



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