

Digi Remote Power Manager

Power Control and Monitoring Device

The Digi Remote Power Manager enables users to remotely power on/off devices, measure electrical load, monitor temperature and provide alerts when problems arise. It transparently integrates into the Digi CM™ and PortServer® TS product families.



Features/Benefits

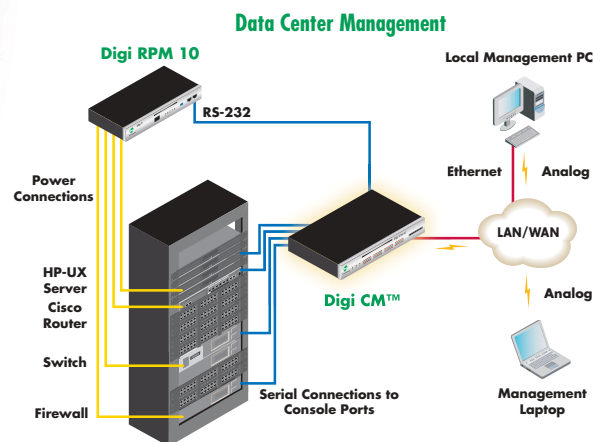
- > Remotely power devices on and off without sending a technician onsite
- > Front panel displays total current and power load
- > Monitor ambient temperature to prevent loss of critical equipment due to overheating
- > Configurable alarms provide 24/7 "real-time" monitoring
- > Integration with Digi CM provides common interface for console and power management over Ethernet or dial-up
- > Cascading allows up to ten Digi RPMs to be daisy-chained to a single Digi CM serial port

Overview

The Digi Remote Power Manager (Digi RPM) provides an easy solution for controlled access and management of power delivery to attached devices. In conjunction with the Digi CM and PortServer TS 8/16, the Digi RPM provides real-time alerts and alarms for system reboots, changes to power usage, out of spec temperature readings and more. It is available in both eight-port 1U rack-mountable and ten-port 0U (zero U) rack-mountable versions.

One of the key features of the Digi RPM is the ability to remotely power on/off devices plugged into to one or more of its outlets, including devices with redundant power. When combined with Digi CM console servers, administrators can remotely reboot unresponsive servers or shut down unused devices, while also performing console management from a common web interface menu.

Additional management features include the ability to measure the combined electrical load of attached devices and to monitor the ambient temperature. Load management is crucial for ensuring uptime of key infrastructure components such as servers, routers and switches, by preventing electrical overloads due to poor power distribution. The Digi RPM also provides statistics on average/apparent power, RMS voltage/current, circuit breaker status and maximum current. Malfunction of a data center cooling system, for example, can result in high temperature conditions where servers and other network equipment can be disabled or even ruined. With an integrated Digi RPM and Digi CM solution, network administrators can be alerted to such conditions and safely shut down critical equipment until the cooling system is repaired.



Features/Specifications

FEATURES

- 8-port 1U rack-mountable and 10-port 0U rack-mountable models
- 120VAC, 20A and 240VAC, 16A models (up to 10A per port)
- Front panel LCD for direct viewing of total current load and power consumption
- 2 RJ-45 serial ports (1 for communications, 1 for daisy-chaining)
- Power sensor
 - Average/apparent power
 - RMS voltage/current
 - Circuit breaker status
 - Max current
- Integrated temperature sensor
- Integrated with user interface of Digi CM and PortServer TS products
- Cascading allows up to 10 Digi RPMs to be daisy-chained to a single Digi CM serial port
- Alarm LED for high current alert
- Command line interface for direct serial connection
- Ships with cables required to connect to Digi CM, PortServer TS, or PC serial port
- Status indicator LEDs for outlet status and alarm indication

ENVIRONMENTAL

- Operating temperature: 5° C to 50° C (41° F to 122° F)
- Relative humidity: 5% to 90% (non-condensing)
- Storage temperature: -40° C to +85° C (-40° F to +185° F)

CERTIFICATIONS

- UL 1950, EN60950
- FCC Part 15, A
- EN55022, A
- EN55024
- CE

CERTIFICATIONS

- All Digi RPM models ship with an IEC320-C20 power input (can accept C19 plugs)

POWER OUTLETS

- 120VAC model**
- Outlet type: NEMA 5-15 R
 - Max current: 10A

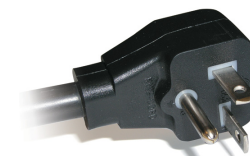


- 240VAC model**
- Outlet type: IEC 60320 C13R
 - Max current: 10A

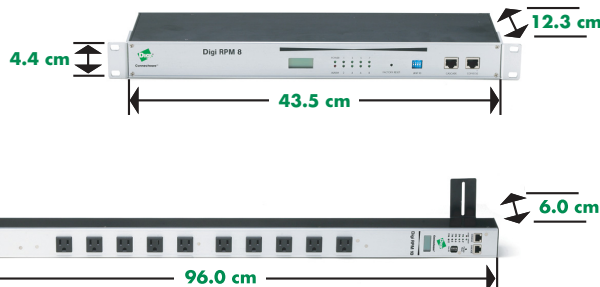


POWER PLUGS

- 120VAC model**
- Plug type: IEC 60320 C20 (NEMA 2-20P) suitable for 20A circuits
 - Max current rating: 16A



- 240VAC model**
- Plug type: CEE 7/7 suitable for 16A circuits
 - Max current rating: 16A



MODEL.....PART NUMBERS

Model

Digi RPM 8 – 1U, 8 outlets, 120VAC - 16A
 Digi RPM 8 – 1U, 8 outlets, 240VAC - 16A
 Digi RPM 10 – 0U, 10 outlets, 120VAC - 16A
 Digi RPM 10 – 0U, 10 outlets, 240VAC - 16A
 Cord, NEMA 5-15P Plug to IEC320-C19 Connector
 Cord, UK style Power Cord to IEC320-C19 Connector
 Cord, IEC320-C13 to IEC320 C14

North America

70002004
 N/A
 70002006
 N/A
 76000818
 N/A
 N/A

International

N/A
 70002005
 N/A
 70002007
 N/A
 76000819
 76000820

DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. <http://support.digi.com>

Digi International

11001 Bren Road E.
 Minnetonka, MN 55343 USA
 PH: 877-912-3444
 952-912-3444
 FX: 952-912-4952
 Email: info@digi.com
www.digi.com

Digi International GmbH

Joseph-von-Fraunhofer Str. 23
 D-44227 Dortmund
 Germany
 PH: +49-231-9747-0
 FX: +49-231-9747-111
www.digi.de

Digi International (HK) Limited

Suite 1703-05
 K Wah Centre
 191 Java Road
 North Point, Hong Kong
 PH: +852-2833-1008
 FX: +852-2572-9989
www.digi.cn

www.digi.com

email:
info@digi.com

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