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 Passport™, Digi CM™ and PortServer® TS product families.

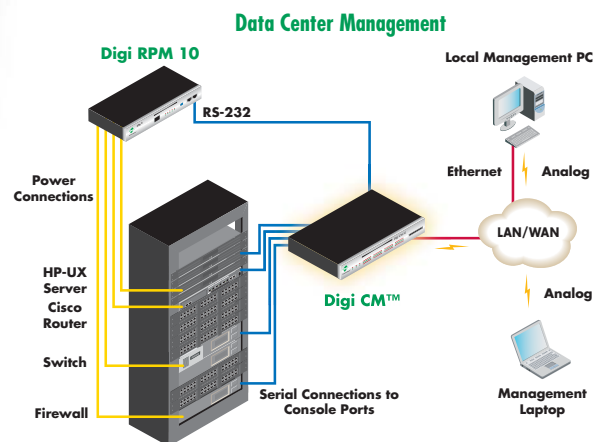**Data Center Management**

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 Passport or 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 Passport or 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 Passport, 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 zerou 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 Passport and 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 console server solution, network administrators can be alerted to such conditions and safely shut down critical equipment until the cooling system is repaired.

Making
DEVICE NETWORKING
easy ™

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 Passport, Digi CM and PortServer TS products
- Cascading allows up to 10 Digi RPMs to be daisy-chained to a single Digi Passport or 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 Passport, Digi CM, PortServer TS, or PC serial port
- Status indicator LEDs for outlet status and alarm indication

ENVIRONMENTAL

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

CERTIFICATIONS

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

POWER INPUT

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

POWER OUTLETS

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

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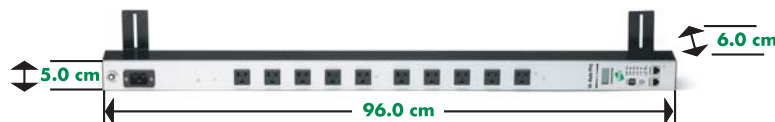- Outlet type: IEC 60320 C13R
- Max current: 10A

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

12.3 cm
4.4 cm
43.5 cm

6.0 cm
5.0 cm
96.0 cm

MODEL...PART NUMBERS

Model	North America	International
Digi RPM 8 – 1U, 8 outlets, 120VAC - 16A	70002004	N/A
Digi RPM 8 – 1U, 8 outlets, 240VAC - 16A	N/A	70002005
Digi RPM 10 – 0U, 10 outlets, 120VAC - 16A	70002006	N/A
Digi RPM 10 – 0U, 10 outlets, 240VAC - 16A	N/A	70002007
Cord, NEMA 5-15P Plug to IEC320-C19 Connector	76000818	N/A
Cord, UK style Power Cord to IEC320-C19 Connector	N/A	76000819
Cord, IEC320-C13 to IEC320 C14	N/A	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.   www.digi.com/support

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