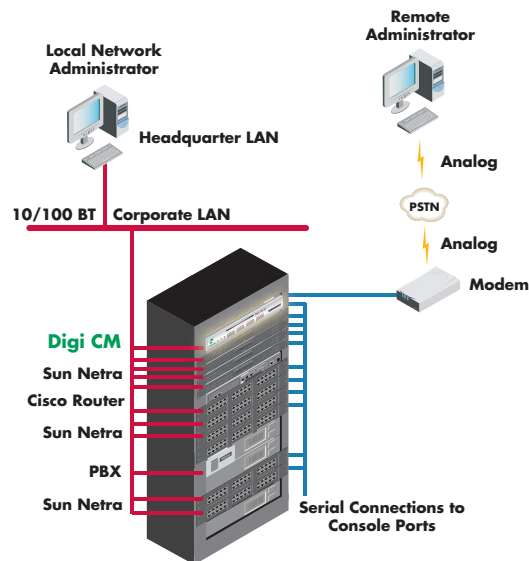


# Digi CM™

Console Server

Secure in-band and out-of-band management for servers, routers, switches, firewalls and other network equipment.



## Features/Benefits

- > Sun, Cisco, IBM, HP, UNIX, Linux and Microsoft Windows Server™ 2003 compatible
- > *freeKVM™* for remote desktop access
- > RemotePorts extends management capabilities to remote devices
- > Digi's RealPort® COM port redirector provides transparent migration to network-based management
- > SSHv2 for secure access
- > Secure clustering allows multi-server access via one IP address
- > Port buffering/logging for easy troubleshooting
- > Email/pager alerts and SNMP traps
- > Straight-through CAT5 cabling for easy server connection
- > PC Card slot for increased flash, or additional ethernet/modem connection

## Overview

The Digi CM allows IT administrators to securely monitor and control servers, routers, switches and other network devices from anywhere on the corporate TCP/IP network, over the Internet, or through dial-up modem connections. Users may configure and manage this equipment using Digi's best-in-class Web User Interface. Intuitive port naming and multi-level menuing make the Digi CM the easiest-to-use console server on the market.

In addition to serial port access, the Digi CM provides Digi's *freeKVM* technology. Through the same user interface, *freeKVM* enables remote graphical access to servers on the network without requiring any additional hardware and supports Remote Desktop Protocol (RDP), Virtual Network Computing (VNC) and X Window System. With the addition of *freeKVM*, users can concurrently manage multiple servers via a single interface without the cost, network overhead and performance penalties associated with KVM over IP.

Digi CM is equipped with a variety of popular security and authentication protocols and offers a rich assortment of management features that includes port logging, server clustering, email/pager/SNMP alerts and Automatic Device Recognition, which allows the unit to poll its attached devices and auto-configure itself with the device type, name and OS version. Its RemotePorts feature extends these capabilities by allowing users to centrally manage up to 48 remote devices, in addition to the native ports already available, without requiring a separate Digi console server at each physical location.



[www.digi.com](http://www.digi.com)

Making  
**DEVICE NETWORKING**  
*easy™*

# Features/Specifications

## FEATURES

- Security
  - SSHv2 server and client, SSL, IP filtering
- Authentication
  - TACACS+, RADIUS, LDAP, Kerberos, local user database
- Management
  - Command line
  - Web – HTTP/HTTPS
  - SNMP
  - Port triggers and alerts
  - Multi-level menuing
- **freeKVM** for remote desktop access
- IPv6 capable
- Data capture via port buffering and logging (syslog, NFS, PC Card)
- Port access
  - Telnet/SSH with menuing, Reverse Telnet/SSH, HTTP/HTTPS
- Solaris Ready
- Multiple users per port
- Flash upgradeable
- SSH sessions simultaneously on all ports
- Secure clustering - single IP for multiple Digi CM devices
- IP addresses per port
- Standard CAT5 cabling for RJ-45 serial ports
- 19" rack mount kit included (16/32/48)

## POWER REQUIREMENTS

- Digi CM 8**
- External 100-240VAC, 50/60 Hz, 12 W max, 6 W typical
- Digi CM 16/32/48**
- Internal 100-240VAC, 50/60 Hz, 40 W max, 12 W typical
  - Power supply MTBF: 11 years
  - 48VDC versions, 40 W max, 12 W typical

## CONNECTORS

- 8, 16, 32 or 48 RJ-45 RS-232 serial ports
- 1 RJ-45 RS-232 console port
- 1 RJ-45 10/100Base-T Ethernet port

## ENVIRONMENTAL

- Operating temperature: 5° C to 50° C (41° F to 122° F)
- Storage temperature: -30° C to 60° C (-20° F to 140° F)

## PC CARDS SUPPORTED

- CompactFlash memory card
  - Wireless LAN adapter (802.11b)
  - Ethernet LAN adapter
  - PSTN/CDMA modem card
- See <http://cm.digi.com> for more information

## REGULATORY APPROVALS

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

## MEMORY

- 64 MB SDRAM
- 8 MB Flash
- 256 MB SDRAM (Digi CM 48)
- 16 MB Flash (Digi CM 48)

## OPERATING SYSTEMS

- Embedded Linux (Hard Hat Distribution) <http://cm.digi.com>

## DIMENSIONS

- Digi CM 8**
- Length: 9.50 in (24.10 cm)
  - Depth: 1.25 in (3.20 cm)
  - Width: 6.25 in (15.90 cm)
  - Weight: 2.50 lbs (1.10 kg)
- Digi CM 16/32**
- Length: 17.00 in (43.20 cm)
  - Depth: 1.75 in (4.50 cm)
  - Width: 8.50 in (21.60 cm)
  - Weight: 5.80 lbs (2.60 kg)
- Digi CM 48**
- Length: 17.50 in (44.50 cm)
  - Depth: 1.75 in (4.50 cm)
  - Width: 10.00 in (25.40 cm)
  - Weight: 6.40 lbs (2.90 kg)

## MODEL.....PART NUMBERS

Model	North America	International
Digi CM 8	70001931	70001932
Digi CM 16	70001910	70001911
Digi CM 16-VDC	70001938	70001938
Digi CM 32	70001908	70001909
Digi CM 32-VDC	70001937	70001937
Digi CM 48	70001949	70001950
Digi CM 48 Dual AC	70001951	70001952
Digi CM 48-VDC	70001953	70001953
<b>Cable Adapters and Accessories</b>		
Digi CM DB-25 Male Modem Adapter (8-pack)	76000670	76000670
Digi CM DB-9 Female Console Adapter (8-pack)	76000671	76000671
Digi CM DB-25 Male Console Adapter (8-pack)	76000672	76000672
Digi CM DB-25 Female Console Adapter (8-pack)	76000673	76000673
Digi CM Telco 23" Rack Mount Kit	76000689	76000689
19" Rack Mount Kit - Digi CM 8	76000705	76000705



- PIN SIGNAL**
- 1 CTS
  - 2 DSR
  - 3 RxD
  - 4 SAFETY GND
  - 5 DCD
  - 6 TxD
  - 7 DTR
  - 8 RTS



## 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](http://www.digi.com/support)

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