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CONSOLE SERVER FOR  
SECURE NETWORK  
DEVICE MANAGEMENT



# DIGI CM™

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

The Digi CM provides secure access to any network device, even when the network is down. Users can monitor and control their devices from anywhere using the corporate TCP/IP network, the Internet or dial-up modem connections. This easy-to-use console management tool is ideal for managing servers, routers, switches and any network device with a serial port.

Automatic Device Recognition auto-configures attached devices and populates the Title page with device details. This feature monitors the ports and sends alerts for disconnected or down devices.

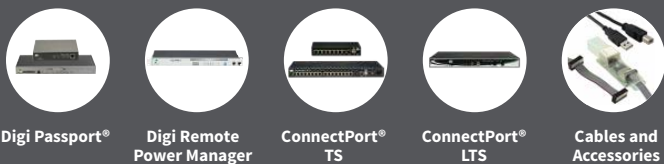
The RemotePorts™ feature enables cost-effective management of up to 48 additional remote devices from a single interface. Additional devices can be managed from the Digi CM using an auxiliary device or terminal server, or from across the network.

The Digi CM, used in conjunction with the Digi Remote Power Manager, offers comprehensive infrastructure management. Users can remotely power on/off connected devices, reboot servers, and receive notifications of changes in power usage, temperature readings, system reboots and more.

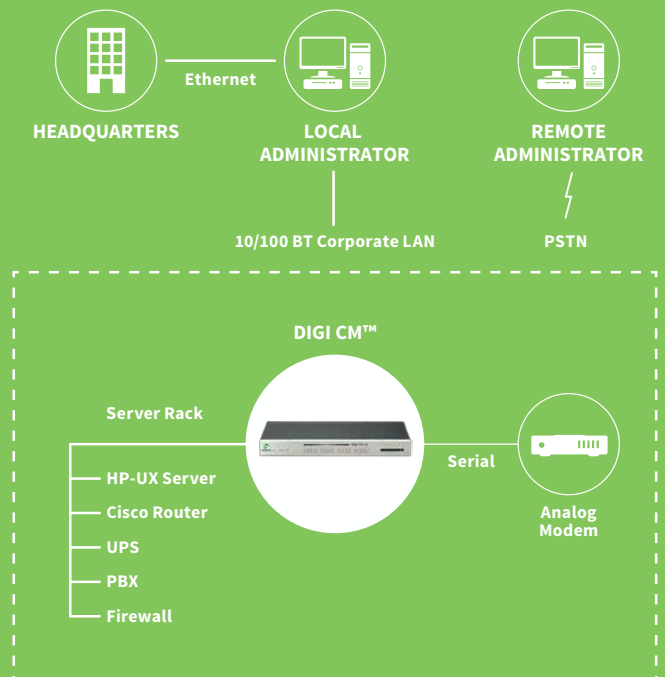
## BENEFITS

- Sun, Cisco, IBM, HP, UNIX®, Linux® and Microsoft Windows Server® compatible
- TACACS+, RADIUS, LDAP, Kerberos, local user database provide centralized authentication
- SSH v2 ensures secure access
- Secure clustering allows multi-server access via one IP address
- Port buffering/logging for easy troubleshooting
- Straight-through CAT5 cabling for easy, hassle-free server connections
- PC Card slot for increased flash, or additional Ethernet/modem connection
- Email/pager alerts and SNMP traps

## RELATED PRODUCTS



## APPLICATION EXAMPLE



# SPECIFICATIONS

## Digi CM™ 8

## Digi CM™ 16/32

## Digi CM™ 48

### FEATURES

|                               |   |   |  |
|-------------------------------|---|---|--|
| <b>AUTHENTICATION</b>         | TACACS+, RADIUS, LDAP, Kerberos, Local user database  |   |  |
| <b>SECURITY</b>               | SSHv2 server and client, SSL, IP filtering, Data capture via port buffering   |   |  |
| <b>MANAGEMENT</b>             | Command Line, Web (HTTP/HTTPS), SNMP, Multi-level menuing, Port triggers and alerts   |   |  |
| <b>OPERATING SYSTEMS</b>      | Embedded Linux®   |   |  |
| <b>CONNECTIONS</b>            | Standard CAT5 cabling for RJ-45 serial ports  |   |  |
| <b>PORT ACCESS</b>            | Telnet/SSH with menuing, Reverse Telnet/SSH, HTTP/HTTPS, Multiple users per port, SSH sessions simultaneously on all ports, IP addresses per port |   |  |
| <b>SUPPORTED PC CARDS</b>     | CompactFlash memory card, Wireless LAN adapter (802.11b), Ethernet LAN adapter, PSTN modem card   |   |  |
| <b>RACK MOUNT</b>             | 19" rack mount kit included with 16/32/48-port models. Optional rack mount kit (76000705) available for purchase with 8-port model.               |   |  |
| <b>MEMORY</b>                 | 64 MB SDRAM, 8 MB Flash   | 64 MB SDRAM, 8 MB Flash   | 256 MB SDRAM, 16 MB Flash  |
| <b>DIMENSIONS (L X W X D)</b> | 9.50 in x 6.25 in x 1.25 in<br>(24.10 cm x 15.90 cm x 3.20 cm)  | 17.00 in x 8.50 in x 1.75 in<br>(43.20 cm x 21.60 cm x 4.50 cm) | 17.50 in x 10.00 in x 1.75 in<br>(44.50 cm x 25.40 cm x 4.50 cm) |
| <b>WEIGHT</b>                 | 2.50 lb (1.10 kg)   | 5.80 lb (2.60 kg)   | 6.40 lb (2.90 kg)  |

### INTERFACES

|                       |                      |                       |                 |
|-----------------------|----------------------|-----------------------|-----------------|
| <b>SERIAL PORTS</b>   | 8 RJ-45 RS-232       | 16 or 32 RJ-45 RS-232 | 48 RJ-45 RS-232 |
| <b>CONSOLE PORTS</b>  | 1 RJ-45 RS-232       |                       |                 |
| <b>ETHERNET PORTS</b> | 1 RJ-45 10/100Base-T |                       |                 |
| <b>PC CARD SLOT</b>   | One 16-bit PCMCIA    |                       |                 |

### POWER REQUIREMENTS

|                          |   |  |  |
|--------------------------|---|--|--|
| <b>POWER SUPPLY</b>      | External 100-240 VAC, 50/60 Hz, 12 W max, 6 W typical | Internal 100-240 VAC, 50/60 Hz, 40 W max, 12 W typical | Internal 100-240 VAC, 50/60 Hz, 40 W max, 12 W typical |
| <b>POWER SUPPLY MTBF</b> | 11 years  |  |  |

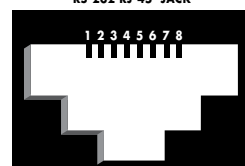
### ENVIRONMENTAL

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>OPERATING TEMPERATURE</b> | 5° C to 50° C (41° F to 122° F)      |
| <b>STORAGE TEMPERATURE</b>   | -30° C to +60° C (-20° F to +140° F) |

### REGULATORY APPROVALS

|                           |   |
|---------------------------|---|
| <b>SAFETY</b>             | UL 1950, EN60950                                      |
| <b>EMISSIONS/IMMUNITY</b> | CE, FCC Part 15 (Class A), EN55024, EN55022 (Class A) |

RS-232 RJ-45 JACK



**PIN SIGNAL**

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



| PART NUMBERS | DESCRIPTION                          |
|--------------|--------------------------------------|
| 70001931     | Digi CM 8                            |
| 70001932     | Digi CM 8 (International)            |
| 70001910     | Digi CM 16                           |
| 70001911     | Digi CM 16 (International)           |
| 70001938     | Digi CM 16 - 48 VDC                  |
| 70001908     | Digi CM 32                           |
| 70001909     | Digi CM 32 (International)           |
| 70001937     | Digi CM 32 - 48 VDC                  |
| 70001949     | Digi CM 48                           |
| 70001950     | Digi CM 48 (International)           |
| 70001951     | Digi CM 48 - Dual AC                 |
| 70001952     | Digi CM 48 - Dual AC (International) |
| 70001953     | Digi CM 48 - 48 VDC                  |

FOR MORE INFORMATION  
PLEASE VISIT [WWW.DIGI.COM](http://WWW.DIGI.COM)

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