Combination Console & Reboot Switch with Internal Modem

Manage your Network Elements ... From Anywhere!

Applications:

- Local or Remote Console Port Switching
- Remote Power Management and Control
- UNIX Serial Console Management
- Telnet or Dial-Up Access to Consoles at Remote Locations
- In-Band/Out-of-Band Network Management
- Reboot Servers, Routers, Web Cams, Firewalls and Other Remote Devices

Features:

- Six RS-232 Console Ports
- Four Individually Controlled Power Outlets
- Internal Modem – 33.6K V.34
- Web Browser Access for Easy Setup and Operation
- Any-to-Any Port Switching
- 32K Data Collection Buffer on Each Port
- IP Security Features
- Up to Four Simultaneous Inbound Telnet Connections
- Dialback Security
- Invalid Access Lockout Feature
- On / Off / Reboot / Default Switching
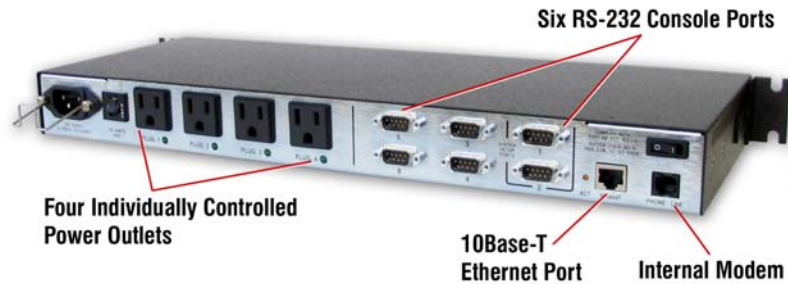- User-Defined Power-Up Default Status
- Power-Up Sequencing

The CMS-6R4 Unit is designed for remote network management installations where rack space is precious and only a few network elements are in the rack. The CMS-6R4 combines 6 RS232 Console ports with 4 Power reboot outlets and an internal 33.6Kbps Modem all in a 1U package. The Switch provides in-band and/or out-of-band access to RS232 console ports and maintenance ports on UNIX servers, routers and other network equipment. System Administrators can access remote devices in order to change configuration parameters, connect users to restricted ports, collect buffered data, and perform Power On/Off/ Reboot and a variety of other administrative functions.

Telnet Configuration Menu

CMS-6R4 Combination Console & Reboot Switch with Internal Modem

Six RS-232 Console Ports

Four Individually Controlled Power Outlets

10Base-T Ethernet Port

Internal Modem

Intelligent Port Selection

Each of the six RS-232 ports can be individually accessed by number, name, or group. Ports can be individually configured using simple, menu driven commands to set passwords, data rates, parity, flow control and many other operating parameters. The full matrix capability of the CMS allows any port to connect to any other port on the switch. Configuration and Status screens display port parameters and connection activity for one or all ports.

Power Control

Easy to use commands let you assign each of the four AC Power outlets plug names and view plug status. Outlets can be individually switched On, Off or Booted using plug numbers or names. For power sequencing, each plug can be assigned a power-up time and will wait for the selected duration before turning on the next plug.

Internal Modem

The internal 33.6 Kbps modem provides secure dial-in capability. A password feature prevents unauthorized access to sensitive command functions. Each menu-defined password can be assigned an individual User Name for easy reference, and an optional Dial Back number, which instructs the unit to call the user at a predefined number before allowing access.

Capture Buffer

The "Buffer Mode" feature allows individual ports to capture and store incoming data. This "snapshot" of the last 32K of received data is stored in non-volatile memory, and can be viewed, saved or erased by the system administrator at any time. This is particularly useful in the event that alarm information or other critical data is sent to a specific port during non-connect periods.

Specifications:

Network Interface:
  Network Port: Ethernet 10Base-T, RJ45

RS-232 Interface:
  Connectors: Six (6) DB-9M Connectors (DTE Pinout)
  Coding: 7/8 Bits, Even/Odd/None Parity, 1,2 Stop Bits
  Flow Control: Xon/Xoff, RTS/CTS, Both,None
  Data Rate: 300 bps to 115,200 bps

Operation Features:
  Timeout: No Activity Disconnects Port/Modem Session; None, 2, 5, 15, 30 minutes
  Memory: Stores parameters and captured data, Non-Volatile, 512K, Statically Allocated.
  Breaks: Pass Break or Inhibit Break
  Site ID: 32 Characters
  Port Names: 16 Characters
  Passwords: 16 Characters (Case Sensitive)
  LED's: Power On, Ready, Data Carrier, Network Activity, Data Activity (1-6) , Plug On/Off (1-4)

Power:
  Model CMS-6R4 (120Vac)
    AC Input: IEC320-C14, 15 Total Amps Max.
    Voltage: 100-120VAC 50/60Hz
    AC Outputs: Four (4) NEMA 5-15P, 15Amps Max

  Model CMS-6R4-CE (220 Vac)
    AC Input: IEC320-C14, 10 Total Amps Max.
    Voltage: 208-240VAC 50/60Hz
    AC Outputs: Four (4) IEC320-C13, 10 Amps Max.

Physical/Environmental:
  Size:
    Height: 1.75" (4.5cm)-One Rack U
    Depth: 6.5" (16.5 cm)
    Width: 17.0" (43.2 cm)
      19" Rack Brackets Included
    Shipping Weight: Eight Pounds
    Operating Temperature: 32F to 122 F (0-50C)
    Humidity: 10 to 90% RH

Agency Approvals:
  UL, cUL, CE, FCC Class A

western telematic incorporated

5 Sterling • Irvine • California 92618-2517

TOLL FREE	(800) 854-7226
TEL	(949) 586-9950
FAX	(949) 583-9514
EMAIL	info@wti.com
WEB	www.wti.com