Telnet and Dial-Up Console/AUX Port Switch

Access Your Network Equipment's Serial Console/AUX Ports ... From Anywhere!
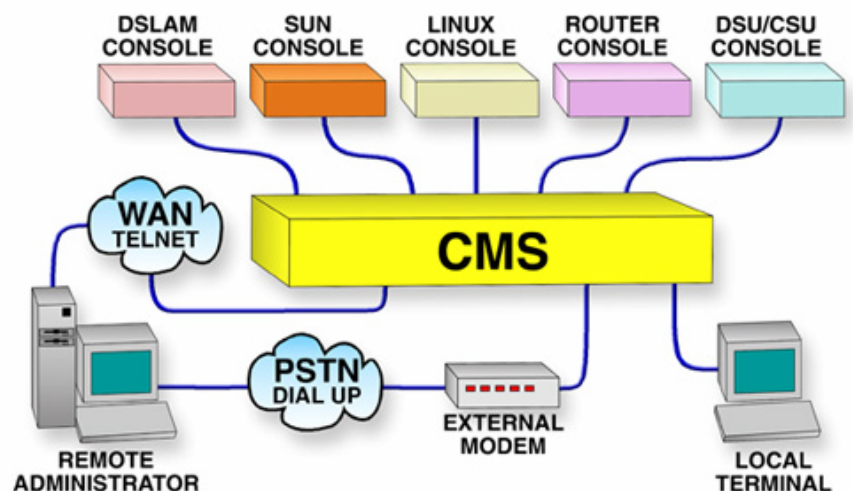
Applications:

- Local or Remote Console Port Switching
- UNIX Serial Console Management
- Telnet or Dial-Up Access to Consoles at Remote Locations
- Manage Multiple Console Ports Using a Single VT100 Terminal or PC
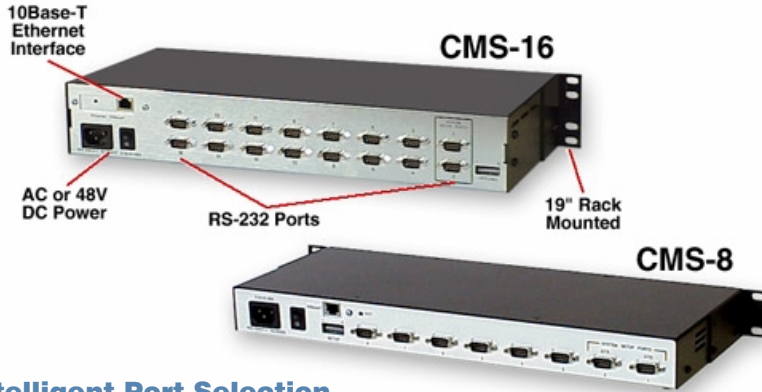- In-Band/Out-of-Band Network Management

Features:

- (8) and (16) RS232 DB-9 Serial Ports
- 10Base-T Ethernet Port
- Simultaneous Telnet Sessions
- Modem Auto-Setup Command Strings (User Definable)
- IP Security Features
- Non-Connect Port Buffering
- Co-Location Password Features
- Any-to-Any Port Switching
- Port-Specific Password Protection
- Data Rate Conversion, 300 to 115K bps
- Easy-to-Use Menu/Commands
- AC and 48V DC Powered Models

Sun Solaris Ready!

The CMS Console Management Switch provides secure, 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 a variety of other administrative functions.

western telematic incorporated

0301-CMS-1

CMS Console/AUX Management Switches

10Base-T Ethernet Interface

CMS-16

AC or 48V DC Power

RS-232 Ports

19" Rack Mounted

CMS-8

Intelligent Port Selection

Each port can be individually accessed by number, name or group. Ports can be individually configured using simple menu driven commands for password, data rate, 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. Ports can also be connected or disconnected by a third party with supervisor rights. For example, systems managers can swap various RS232 devices between ports at a remote location. Configuration and Status screens display realtime port statistics and activity for one or all ports.

Security and Co-Location Features

Address-specific IP security masks prevent unauthorized access to the CMS menu over the network. Two levels of operational passwords are also available; the System Administrator level and the User level. The System Administrator level is used to configure the unit, assign passwords, and connect to all ports. The User level allows connections only to assigned ports or portgroups. The User level is ideal for co-location applications, as users can only view status and connect to ports assigned to their password.

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 systems operator at any time. This is particularly useful in the event that "alarm/error" or other critical data is sent to a specific port during non-connect periods.

System Status Screen

Specifications:

Network Interface: 10Base-T Ethernet, RJ45, Multi-Session Telnet (6)

RS-232 Interface:

Connectors: Eight (8) or Sixteen (16) DB-9M connectors (DTE pinout)

Coding: 7/8 bits, even/odd/no parity, 1,2 stop bits.

Flow Control: XON/XOFF, RTS/CTS, Both, None

Rate: 300 bps to 115,200 bps

Timeout: No Activity disconnects port/modem session; None, 1, 5, 15, 30 seconds 1, 5, 15, 30, 90 minutes.

Memory: Stores parameters and captured data. Non-Volatile 32K per port.

Break: Pass Break or Inhibit Break

Site ID: 32 Characters

Port Name: 8 Characters per Port

Password: 16 Characters per Port (Case Sensitive)

LEDs: Power ON, Ready, Net, Data Activity (16)

Physical / Environmental:

Power:

AC: IEC-320 Inlet, 115/230 VAC, 50/60Hz, universal, 5 Watts

DC: Terminal Strip (#6-32), -48 VDC, 0.2 Amp Max

Size: 2.8"H x 17"W x 6.8"D (W=19.0" w/ Rack Mounts)

Weight: 8 Lbs, Shipping Weight

Operating Temperature: 0°C to 45°C

Humidity: 10 to 90% RH, Non-Condensing

Venting: Side vents, dissipates 12 watts maximum.

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