

Intelligent Console Port Manager with Internal Modem

**Access your Network
Equipment's Serial
Console/AUX Ports ...
from Anywhere!**

Applications:

- Local or Remote Console Port Switching
- UNIX Serial Console Management
- High-Speed Matrix Switching
- Dial-Up Access to Consoles at Remote Locations
- Share Multiple Console Ports Using a Single VT100 Terminal or PC
- Out-of-Band Network Management

Features:

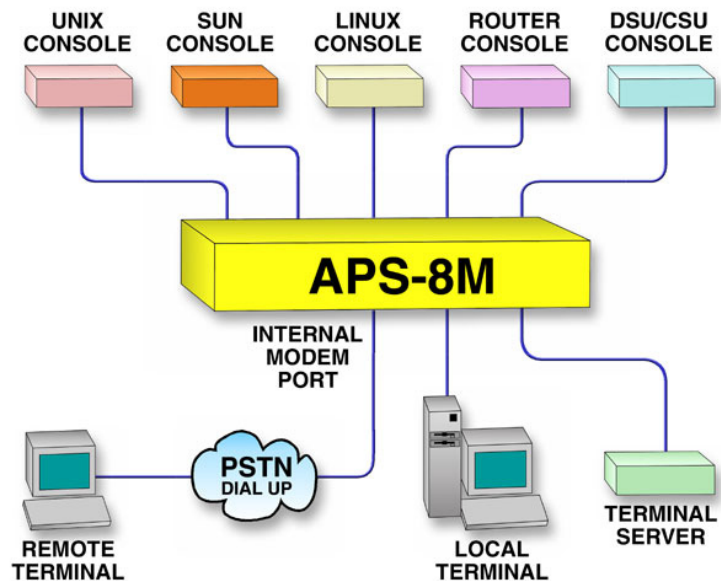
- Internal 33.6 Kbps Modem
- Seven (7) RS232 DB-9 Com Ports
- Any-to-Any Port Switching
- Non-Connect Port Buffering
- Port-Specific Password Protection
- Data Rate Conversion, 300 to 115K bps
- Flow Control Conversion
- Modem Auto-Setup Command Strings
- AC and DC Powered Models
- Easy-to-Use Menu/Commands
- No Software Required



The APS-8M high speed Asynchronous Port Switch provides a convenient means of connecting multiple RS232 console/AUX ports or other RS232 devices for on-site and dial-up remote communications. Fast throughput makes the APS the perfect serial data matrix switch for today's high-speed communications applications.

Intelligent Operation

Each port can be individually accessed by number, name or group. Ports are configured using simple, menu driven commands. User-defined port parameters include password, data rate, parity, flow control and many other operating parameters. Configuration screens and Status screens display port statistics and activity for one or all ports.



APS-8M Asynchronous Port Switch



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 APS 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.

Internal Modem

The internal 33.6 Kbps Modem provides dial-in capability. A password feature prevents unauthorized dial-in access to sensitive command functions. User-defined "AT" initialize and disconnect strings assure proper modem configuration, and provide the ability to reset the external modem (using a data timeout) in the event of line disconnection or session lock-up.

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

```
Terminal Emulation - VT100
File Edit View Call Transfer Help
PORT STATUS: APS-M, Version 2.00, Site ID: (undefined)
PORT | NAME | PASSWORD | STATUS | MODE | BUFFER COUNT
-----|-----|-----|-----|-----|-----
01 | (undefined) | (undefined) | Free | Any | 0
02 | (undefined) | (undefined) | Free | Any | 0
03 | (undefined) | (undefined) | Free | Any | 0
04 | (undefined) | (undefined) | Free | Any | 0
05 | (undefined) | (undefined) | Free | Any | 0
06 | (undefined) | (undefined) | Free | Any | 0
07 | (undefined) | (undefined) | Free | Any | 0
08 | Internal_Modem | (undefined) | Free | Modem | 0
Enter /H for Command Menu
Connected 0:00:57 ANSI Auto detect SCROLL CAPS NUM Capture Print echo
```

Specifications

Modem Interface: RJ11

RS-232 Interface:

Connectors: Seven (7) DB-9 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, 1,5,10,15,30,90 Minutes.

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

Break: Send Break, Inhibit Break.

Site ID: 32 Characters.

Port Name: 8 Characters per Port.

Password: 16 Characters per Port.

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

Physical/Environmental:

Power:

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

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

Size: 1.75"H x 17.0"W x 6.5"D (1 RU) (W = 19.0" w/ Rack Mounts).

Weight: 6 Lbs. Shipping Weight.

Operating Temperature: 0°C to 45°C.

Humidity: 10 - 90% RH, Non-Condensing.

Agency Approvals: UL, cUL, CE



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