

## PENRIL VCX 100 SWITCHING STATISTICAL MULTIPLEXER

### FEATURES / BENEFITS

- Port Selection & Contention
- Dual Sessions
- Inactivity Timer
- System Logger
- Channel Priority
- Speed Conversion
- Flow Control Conversion
- Local Echo
- Series 6000 Manageable
- Automatic Connections
- Access Control
- Usage Statistics
- Port and Trunk Diagnostics
- Autobaud
- Parity Conversion
- Configurable Attach/Detach Strings
- Extremely Compact  
2.5"H x 10.1"D x 9.7"W



### SET UP AND CONFIGURATION

The VCX 100 is a low cost, 4/8/16 port, switching statistical multiplexer. It can be used as a small data PBX, as a point-to-point multiplexer when connected to another VCX 100 or as a network extremity when connected to a VCX Networking Multiplexer.

Optional software allows the trunk to operate as an X.25 PAD. The trunk can be set to originate/answer calls over the X.21 switched digital network or to provide statistical multiplexing on demand, using dial modems over the Public Switched Telephone Network (PSTN).

Mechanical configurations provide for a desktop unit, a rack-mountable card set or a wall-mount unit. Up to 8 rack-mount units can occupy a single VCX 100 rack. The wall-mount unit has a keyhole adapter plate for securing to screws mounted on a wall.

The VCX 100 is totally soft with configuration, status checking and diagnostic routines performed by a terminal attached to any of the ports or via the trunk by a remote unit.

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# PENRIL VCX 100 / SWITCHING STATISTICAL MULTIPLEXER

## Product Specifications

| PORTS            |  |
|------------------|--|
| NUMBER:          | 4,8,16   |
| INTERFACE:       | Electrical - RS232/V.24 DCE Async;<br>Physical - RJ-45 (Pinout per EIA TR)<br>30.2/87-04-017R1 |
| CONTROL SIGNALS: | DTR, DSR, RTS, CTS, DCD  |
| SPEED:           | 75, 110, 134.5, 150, 300, 600, 1.2K,<br>1.8K, 2K, 2.4K, 4.8K, 9.6K, 19.2K<br>bps, Autobaud     |

| GENERAL  |                                       |
|----------|---------------------------------------|
| VOLTAGE: | 110VAC (220VAC Optional)<br>47 - 63Hz |
| POWER:   | 15 Watts                              |
| WEIGHT:  | 3 Pounds                              |
| SIZE:    | 9.7"W x 2.5"H x 10.1"D                |

| ORDERING INFORMATION |                        |
|----------------------|------------------------|
| MODEL #              | DESCRIPTION            |
| PEN-4900-01          | 8-Port Desktop         |
| PEN-4900-02          | 16-Port Desktop        |
| PEN-4900-05          | 4-Port Desktop         |
| PEN-4901-01          | 8-Port Card Set        |
| PEN-4901-02          | 16-Port Card Set       |
| PEN-4904-01          | 8-Port Expander Card   |
| PEN-4905-01          | V.11 Kit               |
| PEN-4905-02          | V.34 Kit               |
| PEN-4906-01          | X.25 Kit               |
| PEN-4910-01          | VCX 100 Rack           |
| PEN-4911-01          | VCX 100 Wall-Mount Kit |

| TRUNK            |  |
|------------------|--|
| NUMBER:          | 1  |
| INTERFACE:       | RS232/V.24 DTE Sync to 19.2K bps<br>V.35/V.11DTE Sync to 64K bps (opt.)                              |
| CONTROL SIGNALS: | DTR,DSR,RTS,CTS DCD  |
| SPEED:           | Internal - 1.2K, 2.4K, 3.6K, 4.8K, 7.2K,<br>9.6K, 19.2K, 38.4K, 56K, 64K bps<br>External - 0-64K bps |

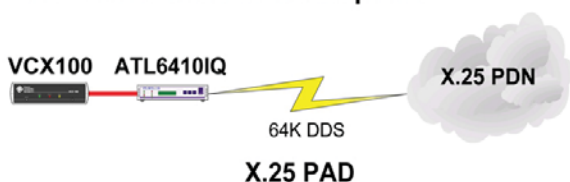
| ENVIRONMENT          |  |
|----------------------|--|
| AMBIENT TEMPERATURE: | 0 to 40°C (32 to 104°F)                    |
| STORAGE TEMPERATURE: | -20 to 70°C (-4 to 158°F)                  |
| RELATIVE HUMIDITY:   | 10 to 95% at 24°C (75°F)<br>Non-Condensing |

| ACCESSORIES |                                |
|-------------|--------------------------------|
| MODEL #     | DESCRIPTION                    |
| PEN-4810-01 | RJ45/DB25P Adapter Straight    |
| PEN-4810-02 | RJ45/DB25P Adapter X-Over      |
| PEN-4810-03 | RJ45/DB25S Adapter Straight    |
| PEN-4811-02 | RJ45/RJ45 Modular Cable 2 ft.  |
| PEN-4811-05 | RJ45/RJ45 Modular Cable 5 ft.  |
| PEN-4811-10 | RJ45/RJ45 Modular Cable 10 ft. |
| PEN-4811-30 | RJ45/RJ45 Modular Cable 30 ft. |
| PEN-4811-50 | RJ45/RJ45 Modular Cable 50 ft. |

Specifications subject to change without notice; confirm when ordering.



16-Port Point-to-Point Multiplexer



Part of a VCX Network



PSTN Operation

### WARRANTY

Raymar-Telenetics manufactured products are warranted against defects in hardware material and workmanship under normal use for one (1) year from date of original retail purchase. Defective product will be repaired or replaced, determination to be made by Raymar-Telenetics, at no charge. Repaired or replaced products are warranted for 90 days or for original warranty period, whichever is longer. Warranty extends to original end-user only.



Manufactured in the USA by RAYMAR-TELENETICS