

### FEATURES:

- RJ-45 For Network Connection
- 4 RJ-11 FXO Connections
- 4 RJ-11 Failover Telephone Connections
- Decode Caller ID Signals
- Front Panel Activity LED
- Network Activity LEDs
- 2.5mm Jack For DC Power
- 802.3af Compliant



### DESCRIPTION:

The VIP-824 Quad Networked Trunk Port allows most loop start terminal devices to be connected to a managed IP-based LAN/WAN.

### Specifications:

#### Nominal Specifications

**Input Impedance:** 600 Ohms

**Input Level:** -10dBm

**Output Impedance:** 600 Ohms

**Output Level:** - 10dBm nominal

**Protocols:** DHCP, IGMP v3, UDP, TCP, HTTP, Telnet, FTP

#### Voice Algorithm:

G.711 (64kb/s) (ulaw)

Echo Suppression

#### Nominal Power Requirements

**Via back panel barrel connector:**

**Voltage:** 24VDC

**Current:** 325mA

**Via 802.3af PoE Ethernet Switch:**

802.3af: Class 3

#### Environment

**Temperature:** +32 to +104 °F (0 to +40 °C)

**Humidity:** 0 to 85% non-precipitating

#### Dimensions/Weight

1.75 H x 6.75" W x 9.5" D

(4.45cm H x 17.15cm W x 24.13cm D)

**Weight:** 1.75 lbs. (0.80 kg)

## ARCHITECTS' AND ENGINEERS

Quad Enhanced Network Trunk Port Model VIP-824 will provide a single 10/100 Ethernet port, 4 FXO Trunk ports and 4 Failover ports. The Quad Enhanced Network Trunk Port Model VIP-824 will provide all circuitry and software to convert network data to audio output and analog trunk control signals. The Quad Enhanced Network Trunk Port Model VIP-824 will provide all circuitry and software to convert input audio and analog trunk events to zone page audio and control information suitable for transmission to other Valcom IP Solutions products. The Quad Enhanced Network Trunk Port Model VIP-824 shall form one part of a serverless Network based communications system.

The Quad Enhanced Network Trunk Port Model VIP-824 shall decode caller ID signaling and transmit it over the network to other Valcom IP Solutions products.

The Quad Enhanced Network Trunk Port Model VIP-824 shall provide 4 failover ports which will connect the analog trunk circuits to external devices in the case of power failure.

The Quad Enhanced Network Trunk Port Model VIP-824 shall be powered via either an external 24 Vdc power supply or via an 802.3af PoE Ethernet switch port.

All setup and configuration of the Quad Enhanced Network Trunk Port Model VIP-824 will be via the Valcom VIP-102 IP Solutions Setup Tool.

## LIMITED WARRANTY

Valcom, Inc. warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened (A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Valcom, Inc. are prepaid,
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs (major repairs will be subject to additional charges for parts and labor)

**This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.**

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.