

### NETWORKED TRUNK PORT MODEL VIP-821

#### FEATURES:

- RJ-45 For Network Connection
- 1 RJ-11 FXO
- 1 RJ-11 Telephone Failover Connection
- Front Panel Activity LED
- Network Activity LEDs
- 2.5mm Jack For DC
- 802.3af Compliant



#### DESCRIPTION:

The VIP-821 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 (64kbts/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

1.38" H x 6.13" W x 5.25" D

(3.50 cm H x 15.6 cm W x 13.33 cm D)

Weight: 1.25 lbs. (0.57 kg)

# ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

## MODEL VIP-821

### NETWORKED TRUNK PORT

The Enhanced Network Trunk Port Model VIP-821 will provide a single 10/100 Ethernet port, a single FXO Trunk port and 1 Failover port. The Enhanced Network Trunk Port Model VIP-821 will provide all circuitry and software to convert network data to audio output and analog trunk control signals. The Enhanced Network Trunk Port Model VIP-821 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 Enhanced Network Trunk Port Model VIP-821 shall form one part of a serverless Network based communications system.

The Enhanced Network Trunk Port Model VIP-821 shall decode caller ID signaling and transmit it over the network to other Valcom IP Solutions products.

The Enhanced Network Trunk Port Model VIP-821 shall provide 1 failover port which will connect the analog trunk circuit to external devices in the case of power failure.

The Enhanced Network Trunk Port Model VIP-821 shall be powered via either an external 24 Vdc power supply or via a 802.3af PoE Ethernet switch port.

All setup and configuration of the Enhanced Network Trunk Port Model VIP-821 will be via the Valcom VIP-102 IP Solutions Setup Tool.

The Enhanced Network Trunk Port Model VIP-821 shall be constructed of steel, and be wall or table mountable.

The maximum dimensions shall be: 11.38" H x 6.13" W x 5.25" D (3.50 cm H x 15.6 cm W x 13.33 cm D). Shipping Weight shall be approximately: 1.75 lbs. (0.80 kg).

### 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.