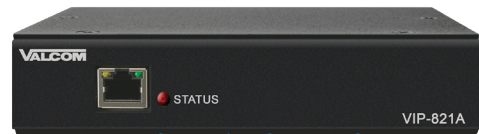


# Technical Specifications

## VIP-821A IP Gateway FXO Port

- Power over Ethernet (PoE) 802.3af compliant
- RJ-45 for network connection
- 1 RJ-11 FXO
- 1 RJ-11 telephone failover connection
- Indoor use



*Network – single trunk port*

### Description:

The VIP-821A IP Gateway FXO Port allows most loop start station ports to be connected to a managed IP-based LAN/WAN. SIP connectivity allows the VIP-821A to act as a gateway device between a SIP telephone system and other Valcom paging systems.

## SPECIFICATIONS

### AUDIO INPUT

Input impedance: 600 Ohms  
Input level: -10 dBm nominal

### AUDIO OUTPUT

Output impedance: 600 Ohms  
Output level: -10 dBm nominal

### POWER REQUIREMENTS

Voltage: 24 Vdc  
Current: 325 mA  
Via 802.3af PoE Ethernet Switch: Class 3

### AUDIO CODECS

G.711 u-law, others

### NETWORK

10/100 Mbps Ethernet port  
Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup  
Time and date synchronization using NTP

### ENVIRONMENT

Temperature: 32 to 104 °F (0 to +40 °C)  
Humidity: 0 to 85% non-precipitating

### HOUSING AND FINISH

Steel with black powder coated finish

### DIMENSIONS AND WEIGHT

1.38in H x 6.13in W x 5.25in D  
(3.50cm x 15.60cm x 13.33cm)  
Weight: 1.25lbs (0.57kg)  
Shipping Weight: 3.65lbs (1.64kg)

### MOUNTING

Wall or table

2022 Rev. 1.9.6

# Technical Specifications

## ARCHITECTS AND ENGINEERS

The Network Trunk (FXO) Port, model VIP-821A, shall allow most loop start terminal devices to be connected to a managed IP-based LAN/WAN. SIP connectivity shall allow the VIP-821A to act as a gateway device between a SIP telephone system and other Valcom paging systems.

The VIP-821A Network Trunk (FXO) Port shall be powered via a Power over Ethernet (PoE) switch meeting the 802.3af specification. All setup and configuration of the VIP-821A shall be via the Valcom IP Solutions Setup Tool.

The VIP-821A Network Trunk (FXO) Port shall provide an audio input impedance of 600 Ohms. Input level shall be -10 dBm nominal. VIP-821A shall provide an output impedance of 600 Ohm. Output level shall be -10 dBm nominal.

The VIP-821A Network Trunk (FXO) Port shall be constructed of steel with a black powder coated finish.

The VIP-821A Network Trunk (FXO) Port shall be designed for table placement, or wall mounting. Provided with the VIP-821A shall be four rubber pads for table placement. Two mounting brackets and hardware shall be provided to secure the VIP-821A to the wall.

Maximum dimensions shall be: 1.38in H x 6.13in W x 5.25in D (3.50cm x 15.60cm x 13.33cm). Weight shall be approximately: 1.25lbs (0.57kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).