

# Technical Specifications

## VIP-804B IP Gateway Audio Port

- 4 audio input
- 4 audio output
- 4 contact closure input
- 4 Form A relay contacts
- Indoor use



Network – quad port

### Description:

The VIP-804B provides access to four zones of one-way paging over an IP-based network. The IP-804B can be programmed as a SIP (Session Initiation Protocol) device with four identities for connectivity to virtually any Voice over IP (VoIP) telephone system.

## SPECIFICATIONS

### AUDIO INPUT PER PORT

Audio input impedance: 600 Ohms  
AUX input impedance: 8 to 600 Ohms  
AUX input level: -10 dBm nominal

### AUDIO OUTPUT PER PORT

Page output impedance: 50 Ohms  
Page output level: -10 dBm nominal

### POWER REQUIREMENTS

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

### CAPACITY

Provides audio for up to 40 Valcom one-way amplified speaker assemblies

### SENSITIVITY

Voice switch sensitivity: -21dBm

### AUDIO CODECS

G.711 u-law, others

### AUXILIARY RELAYS

Each port provides a Form A Relay rated at 1A @ 24 Vdc

### 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

1.72in H x 7.00in W x 11.88in D  
(4.36cm x 17.78cm x 30.16cm)

Weight: 2.50lbs (0.93kg)

Shipping Weight: 5.85lbs (2.63kg)

### MOUNTING

Wall, rack mounting or table placement

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## ARCHITECTS AND ENGINEERS

The Quad Network Audio Port, model VIP-804B, enables voice access to four zones of one-way paging over an IP network, allowing page zones to be extended anywhere network connectivity is available. The VIP-804B shall be programmed as a SIP (Session Initiation Protocol) device with four identities (one per audio channel) for connectivity to virtually any Voice over IP (VoIP) telephone system.

The VIP-804B Quad Network Audio Port shall be powered via a Power over Ethernet (PoE) switch meeting the 802.3af specification. All setup and configuration of the VIP-804B shall be via the Valcom VIP-102B IP Solutions Setup Tool.

Each port of the VIP-804B shall provide an audio input impedance of 600 Ohms. Auxiliary input impedance shall be 8 to 600 Ohms. Auxiliary input level shall be -10 dBm nominal. Each port of the VIP-804B shall provide an output impedance of 50 Ohm. Output level shall be -10 dBm nominal. Voice switch sensitivity shall be -21

dBm. Each port shall provide a Form A Relay rated at 1A @ 24 Vdc.

The VIP-804B Quad Network Audio Port shall be constructed of steel with a black powder coated finish.

The VIP-804B Quad Network Audio Port, shall be designed for table placement, wall or rack mounting. Provided with the VIP-804B shall be four rubber pads for table placement. Two mounting brackets and hardware shall be provided to secure the VIP-804B to the wall. Two VIP-802B units shall be joined together and installed into a 1U rack slot using the included brackets and hardware.

Maximum dimensions shall be: 1.72in H x 7.00in W x 11.88in D (4.36cm x 17.78cm x 30.16cm). Weight shall be approximately: 2.50lbs (1.13kg).

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