Technical Specifications

VIP-204B PagePro IP SIP-Based Paging Server

- SIP compatible
- PoE (IEEE 802.3af)
- 4 analog page output
- 8 zones of IP paging
- Quick and easy installation
- Background music
- Feedback elimination
- Night ring tone

4 Zone, One-Way Analog Paging, plus 8 Zones IP Paging

Description:
The VIP-204B is a PagePro IP SIP-Based Paging Server that works with virtually all SIP based telephone systems and provides 4 zone of one-way analog paging plus 8 zones of IP paging. The VIP-204B is designed for quick and easy installation.

SPECIFICATIONS

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

AUDIO OUTPUT
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

AUDIO CODECS
G.711 u-law, others

AUXILIARY RELAYS
Two Form C Relays 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

PROTOCOLS
IETF SIP (RFC3261)
IETF IGMP version 3 (RFC3376)
IETF RTP (RFC1889)
IETF RFC2833

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
1.75in H x 16.50in W x 11.88in D
(4.45cm x 41.90cm x 30.18cm)
Weight: 4.00lbs (1.81kg)
Shipping Weight: 8.60lbs (3.87kg)

MOUNTING
Rack, shelf, or wall

ARCHITECTS AND ENGINEERS

The SIP Paging Gateway, model VIP-204B, shall be designed for use with virtually all IP based telephone systems. The VIP-204B shall provide SIP addressable groups and 4 analog output. The VIP-204B shall control thousands of IP and/or analog speakers or provide interface to legacy paging systems. Connection to a SIP Server shall be as individual SIP Stations (extensions) or as a SIP trunk. Station mode shall provide up to 8 SIP-addressable groups. Trunk mode shall accept up to 100 SIP phone numbers for flexible grouping.

The VIP-204B SIP Paging Gateway shall be powered by either a Class 3 802.3af PoE Ethernet Switch or an optional external power supply (VIP-324D). All setup and configuration of the VIP-204B will be via the Valcom VIP-102B IP Solutions Setup Tool.

The VIP-204B local audio shall be input via the RCA jack. The auxiliary input impedance shall be 8 to 600 Ohms. Auxiliary input level shall be -10 dBm nominal. The VIP-204B shall feature an analog audio output to drive Valcom self-amplified speaker or 25/70 Volt central amplifiers. The output impedance shall be 50 Ohm. Output level shall be -10 dBm nominal. The VIP-204B shall provide two Form C relay contacts rated for 1A @ 24 Vdc.

The VIP-204B SIP Paging Gateway shall be constructed of steel with a black powder coated finish. The VIP-204B shall be designed for rack, shelf, or wall mounting. Mounting brackets and hardware shall be included.

The maximum dimensions shall be 1.75in H x 16.50in W x 11.88in D (4.45cm x 41.90cm x 30.18cm). Weight shall be approximately: 4.00lbs (1.81kg).

Warranty information may be found on our website at www.valcom.com/warranty.