

Technical Specifications

VIP-201A PagePro IP SIP-Based Paging Server

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



*1 Zone, One-Way Analog Paging,
plus 8 Zones IP Paging*

Description:

The VIP-201A is a PagePro IP SIP-Based Paging Server that works with virtually all SIP based telephone systems and provides 1 zone of one-way analog paging plus 8 zones of IP paging. The VIP-201A 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 16.60in W x 5.40in D

(4.57cm x 42.16cm x 13.71cm)

Weight: 4.65lbs (2.10kg)

Shipping Weight: 8.60lbs (3.87kg)

MOUNTING

Rack, shelf, or wall

2022 Rev. 1.6.2.4

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ARCHITECTS AND ENGINEERS

The SIP Paging Gateway, model VIP-201A, shall be designed for use with virtually all IP based telephone systems. The VIP-201A shall provide SIP addressable groups and 1 analog output. The VIP-201A 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-201A 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-201A will be via the Valcom VIP-102B IP Solutions Setup Tool.

The VIP-201A 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-201A 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. Access to the two Form C relays shall be provided via a six-pin screw terminal block. Relay contacts shall be rated for 1A @ 24 Vdc.

The VIP-201A SIP Paging Gateway shall be constructed of steel with a black powder coated finish. The VIP-201A 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 16.60in W x 5.40in D (4.57cm x 42.16cm x 13.71cm). Weight shall be approximately: 4.65lbs (2.10kg).

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