

PagePro IPTM SIP Based Paging Server Model VIP-201

FEATURES:

Easy To Install

Live or Recorded Messages

65,000 Speakers, Expandable To 256 IP Paging Zones

Easily Connect Loudspeaker System To Existing Computer Networks

Compatible With Cisco, Nortel, Avaya, Iwatsu And Most IP Telephone Systems

Supports IP And Analog Amplified Speakers

Supports IP Talkback Speakers

Supports Legacy Paging Systems

Synchronized Clock Compatibility

PoE (802.3af) Or Local Power

SIP And Multicast

Network Supervision

Night Ring

Feedback Eliminator

DHCP



Applications

General: Paging /notification applications over existing networks

Governments: Provide secure, supervised, high survivability notification systems

Healthcare: The most practical way to page huge facilities

Education: Cost effectively page hundreds of buildings (supervised)

Transportation: Airports, Ferry Terminals, Subway Stations, Bus Stops, etc

General Description

The PagePro IP Model VIP-201 is a SIP based paging server designed for use with virtually all IP based telephone systems. The unit provides 8 zones, groups thereof and all call paging. This PagePro IP unit can drive up to 65,000 IP speakers or 65,000 analog speakers or provide the audio source for legacy paging systems. It can simultaneously drive any combination of these paging applications. The VIP-201 can form the foundation of most paging projects. The 8 zones can be accessed individually or in flexible groups.

Group Paging Features

The PagePro IP Model VIP-201 allows SIP based phone systems to page any number of Valcom IP speakers, Valcom Amplified Speakers and Valcom VIP series analog paging gateways. Valcom multicast group paging features robust grouping and priority controls. These controls make it easy to distribute low priority announcements yet allow high priority paging to override ongoing announcements.

Group Paging Features

The PagePro IP Model VIP-201 provides 8 IP zones and 1 analog output capable of driving a mix of Valcom self amplified overhead paging speakers and horns. The VIP-201 provides 8 fully customizable SIP identities that can access any combination of IP zones and the analog port. Analog paging functions can be seamlessly combined with IP paging functions allowing powerful combinations of analog and IP paging.

Group Paging Priority Feature

Any page group or port can be assigned a priority. These priorities allow a logical scaled approach to group paging. An absolute priority can be assigned to allow for emergency override in any circumstance. Group paging priorities work locally or across ganged units in the same fashion allowing facility wide emergency paging. Red Phone functionality is easily achieved with either IP phone or analog handsets via a Valcom gateway.

Feedback Elimination Feature

The PagePro IP Model VIP-201 provides programmable store and forward capability for all paging accesses. This feature records up to 30 seconds of audio, and then replays the audio when the page call is terminated. The number of times the recorded audio is played back can be set from 1 to 4. Some paging applications require live announcements. For these applications the store and forward capability can be turned on/off per page zone.

Night Ring Features

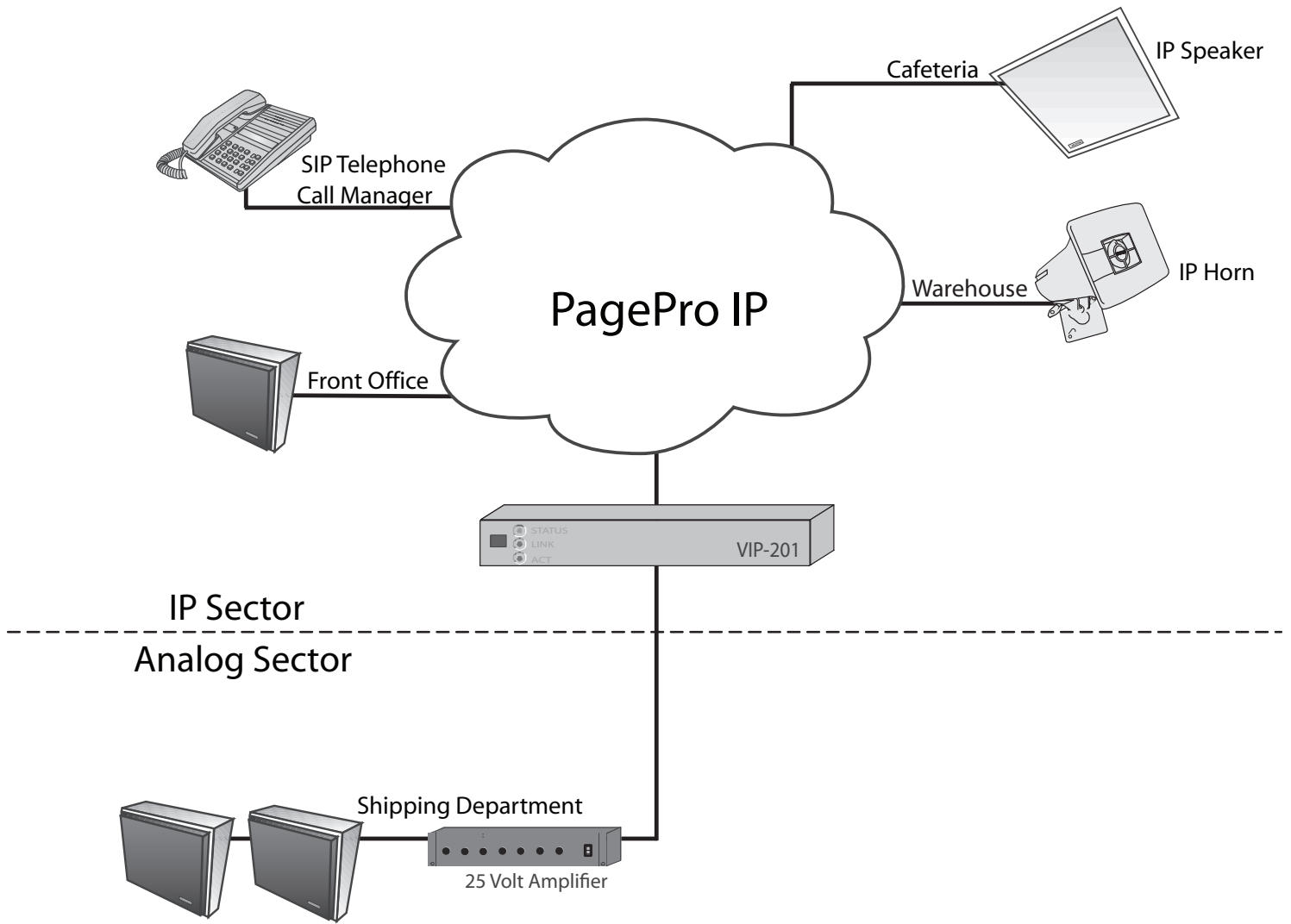
The PagePro IP Model VIP-201 provides Night Ring functionality on any of the 8 SIP identities. This feature generates a tone to any paging groups when the SIP identity is called.

Audio Supervision Features

The PagePro IP Model VIP-201 provides internal monitoring of the audio path from the network connection to the analog output connector and can report failures to an external device or syslog facility.

Legacy Applications

The PagePro IP Model VIP-201 provides 1 analog output that can easily be conditioned to drive any existing overhead paging system. Legacy paging features can be seamlessly combined allowing powerful combinations of legacy analog and IP paging.



Valcom PagePro IP VIP-201 allows paging from any SIP compliant telephone to 8 SIP page destinations. The SIP page destinations can be the VIP-201's analog output, or any combination of page groups from other Valcom VIP units. The analog output on the VIP-201 is line level -10dBm audio. This output is designed to directly drive up to 150 Valcom self-amplified speakers. The output is also suitable for connection to an auxiliary input on a utility amplifier of a legacy paging system.

PagePro IP™

SIP Based Paging Server

Model VIP-201

SPECIFICATIONS:

Physical

1U 19" Rack Mount

Power

External: 24 VDC @ 325 mA
POE: 802.3af, class 3

Networking

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
Digest Authentication

Audio Specifications

Local Music Source Input Impedance: 8 to 600 Ohms
Local Music Input Level: -10dBm nominal
Output Impedance: 50 Ohms
Output Level: - 10dBm nominal

Relay Specifications

Relay Current: 1 AMP @ 24VDC

Environment

Temperature: 0 to +40° C
Humidity: 0 to 85% non-precipitating

Feature Highlights

1 Audio Analog Outputs
2 Form C relay closures
Programmable Feedback elimination
Audio supervision
Night Ring