IP Telephone Trunk Enabled Intercom & Paging System

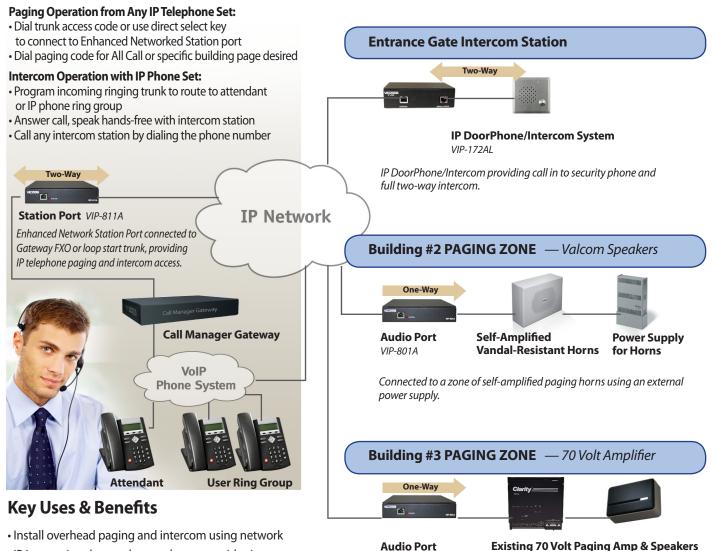**VALCOM**

VoIP Application Brief: 4

Enhanced Network Station Port (VIP-811A) connects with FXO or Analog Loop Start Trunk to provide intercom and paging access to remote locations. Can be used with IP DoorPhone/Intercom.

Enhanced Network Audio Port (VIP-801A) provides paging signal distribution over the network to remote buildings/areas. **IP DoorPhone/Intercom (VIP-172L)** provides call-in capability with door/gate relay.

Paging Operation from Any IP Telephone Set:
• Dial trunk access code or use direct select key to connect to Enhanced Networked Station port
• Dial paging code for All Call or specific building page desired

Intercom Operation with IP Phone Set:
• Program incoming ringing trunk to route to attendant or IP phone ring group
• Answer call, speak hands-free with intercom station
• Call any intercom station by dialing the phone number

Two-Way

Station Port *VIP-811A*

Enhanced Network Station Port connected to Gateway FXO or loop start trunk, providing IP telephone paging and intercom access.

IP Network

Call Manager Gateway

VoIP Phone System

Attendant   **User Ring Group**

Entrance Gate Intercom Station

Two-Way

IP DoorPhone/Intercom System
VIP-172AL

IP DoorPhone/Intercom providing call in to security phone and full two-way intercom.

Building #2 PAGING ZONE — *Valcom Speakers*

One-Way

Audio Port   **Self-Amplified**   **Power Supply**
VIP-801A   **Vandal-Resistant Horns**   **for Horns**

Connected to a zone of self-amplified paging horns using an external power supply.

Building #3 PAGING ZONE — *70 Volt Amplifier*

One-Way

Audio Port   **Existing 70 Volt Paging Amp & Speakers**
VIP-801A

Provides audio output and contact closure. Connection to remote amplifier may vary by manufacture and require additional components. Contact Valcom Technical Support for further assistance.

Key Uses & Benefits

• Install overhead paging and intercom using network

• IP integration thru analog trunk port provides intercom & paging operation from any IP telephone set

• Network ALL your buildings for paging and intercom without leased line PSTN charges