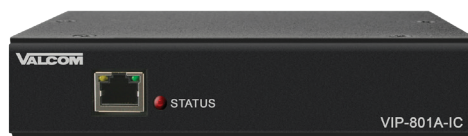# Technical Specifications

VIP-801A-SA Intrado Revolution® IP Gateway Audio Port

- Intrado Revolution compliant
- 1 audio input
- 2 audio output
- 1 contact closure input
- 2 programmable Form C relay contacts
- Indoor use

Intrado Revolution compliant
Network — single port

Description:
The VIP-801A-SA provides access voice access to one zone of one-way paging over an IP-based LAN/WAN. The VIP-801A-SA allows page zone extension anywhere on the network.

SPECIFICATIONS

AUDIO INPUT
Audio input impedance: 600 Ohms
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

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
Two Form C Relays rated at 1 A @ 24 Vdc

NETWORK
10/100 Mbps Ethernet port
Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup
Time and date synchronization using NTP

CONFIGURATION METHODS
DHCP Option 72
Static Configuration

MOUNTING
Wall or table mounting.

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
1.38in H x 6.13in W x 5.25in D
(3.50cm x 15.60cm x 13.33cm)
Weight: 1.25lbs (0.57kg)
Shipping Weight: 3.70lbs (1.67kg)

ARCHITECTS AND ENGINEERS

The Network Audio Port, model VIP-801A-SA, shall be Intrado Revolution compliant. The VIP-801A-SA shall enable voice access to a single zone of one-way paging over an IP-based LAN/WAN. The VIP801A-SA shall allow page zone extension anywhere on the network.. .

The VIP-801A-SA Network Audio Port shall be powered by via a Power over Ethernet (PoE) switch meeting the 802.3af specification. All setup and configuration of the VIP-801A-SA automatically acquire an IP address (using DHCP) and connect to the Intrado Revolution server when connected to the network and powered up. Information specific to the application will need to be programmed into the Intrado Revolution server.

The VIP-801A-SA input impedance shall be 600 Ohms. The input level shall be -10 dBm nominal. The voice switch sensitivity shall be -21 dBm. The VIP-801A-SA auxiliary input impedance shall be 8 to 600 Ohms. Auxiliary input level shall be -10 dBm nominal. The VIP-801A-SA shall provide two audio output connections. The terminals labeled "Page" shall provide a signal output compatible with Valcom self-amplified speakers. Up to 40 Valcom speakers can be connected to the Page output. The terminals labeled "AUX" shall provide a signal output compatible with most amplifiers and should be used where a transformer-coupled output is desired. The output impedance shall be 50 Ohm. Output level shall be -10 dBm nominal. The VIP-801A-SA shall provide two Form C relays contacts rated for 1A @ 24 Vdc.

The VIP-801A-SA Network Audio Port shall be constructed of steel with a black powder coated finish.

The VIP-801A-SA A Network Audio Port shall be designed for wall or table placement. Provided with the VIP-801A-SA shall be four rubber pads for table placement. Two mounting brackets and hardware shall be provided to secure the VIP-801A-SA to the wall.

Maximum dimensions shall be: 1.38in H x 6.13in W x 5.25in D (3.50cm x 15.60cm x 13.33cm). Weight shall be approximately: 1.25lbs (0.57kg).

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