

# Technical Specifications

## VIP-160A-SA Intrado Revolution® IP Round Ceiling Speaker

- Intrado Revolution compliant
- PoE (IEEE 802.3af)
- Paging, emergency alerts, and tones
- Talkback intercom
- High-efficiency Class-D amplifier
- High-quality audio
- Quick and easy installation
- Indoor use only



*Intrado Revolution compliant  
45 Ohm, talkback*

### Description:

The VIP-160A-SA Intrado Revolution IP 8-inch Round Ceiling Speaker is the perfect choice for high quality voice paging and two-way communication and emergency alerts for indoor areas. The VIP-160A-SA is designed for quick and easy installation.

## SPECIFICATIONS

### SPEAKER ELEMENT

Voice coil impedance: 45 Ohms

### AUDIO OUTPUT

Rating: > 96 dB @ 4ft (1.22 m)

### FREQUENCY RESPONSE

80 Hz to 15 kHz

### POWER REQUIREMENTS

Power over Ethernet (POE) 802.3af compatible

### AUDIO CODECS

G.711 u-law, others

### CONFIGURATION METHODS

DHCP Option 72  
Static Configuration

### 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 grille with white powder coated finish

### DIMENSIONS AND WEIGHT

13.00in Dia x 3.80in D  
(33.00cm x 9.70cm)  
Weight: 2.50lbs (1.13kg)  
Shipping Weight: 7.00lbs (3.15kg)

### ACCESSORIES

V-9914M-5 Support Bridge  
V-9915M-5 Backbox  
V-9916M Bridge and Backbox Assembly

2024 Rev. 1.6.2.7

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## ARCHITECTS AND ENGINEERS

The IP Round Ceiling Speaker, model VIP-160A-SA, shall be Intrado Revolution compliant. The VIP-160A-SA shall enable handsfree talkback access to a single location over an IP-based LAN/WAN allowing handsfree communication anywhere on the network. The VIP-160A-SA levels are adjusted electrically via software during setup. A call switch input is provided for call in initiation.

Power shall be provided to the VIP-160A-SA via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-160A-SA shall 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 shall need to be programmed into the Intrado Revolution server.

The VIP-160A-SA speaker grille shall be constructed of steel with a white powder coated finish. The VIP-160A-SA shall be suitable for indoor applications.

Maximum dimensions shall be: 13.00in Dia x 3.80in D (33.00cm x 9.70cm). Weight shall be approximately 2.50lbs (1.13kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).