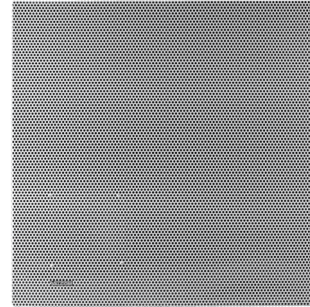


# Technical Specifications

## VIP-422A-IC InformaCast® IP Lay-In Ceiling Speaker

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



*InformaCast compliant  
2ft x 2ft talkback*

### Description:

The VIP-422A-IC Lay-In Ceiling Speakers are fast and easy to install and provide superb sound quality and coverage. The pleasing architectural appearance blends well with any environment, such as classrooms, training rooms, lecture halls, offices, retail stores, and medical facilities. The included backbox meets the ASTM E84 flame and smoke test with a three-hour burn rating.

## SPECIFICATIONS

### SPEAKER ELEMENT

**Cone diameter:** 8-inch (20.32 cm)  
**Voice coil impedance:** 45 Ohms

### AUDIO OUTPUT

**Rating:** > 100 dB @ 4ft (1.22 m)  
**Signal/noise ratio:** -70

### FREQUENCY RESPONSE

80 Hz to 15 kHz

### NETWORK

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

### INFORMACAST CONFIGURATION METHODS

SLP (Service Location Protocol)  
Static Configuration

### POWER REQUIREMENTS

Power over Ethernet (POE) 802.3af compatible

### AUDIO CODECS

G.711 u-law, others

### 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 housing with a white baked on acrylic enamel finish

### DIMENSIONS AND WEIGHT

23.75in L x 23.75in W x 3.75in D  
(60.33cm) x (60.33cm) x (9.53cm)  
**Weight:** 5.50lbs (2.49kg)  
**Shipping Weight:** 10.30lbs (4.64kg)

2024 Rev. 2.6.5

# Technical Specifications

## ARCHITECTS AND ENGINEERS

The IP Lay-in Ceiling Speaker, model VIP-422A-IC, shall be InformaCast compliant. The VIP-422A-IC shall enable voice access to a single zone of paging over an IP-based network. The VIP-422A-IC shall allow a page zone extension anywhere on the network. The InformaCast server shall control the VIP-422A-IC speaker output level.

Power shall be provided to the VIP-422A-IC via a Power over an Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-422A-IC shall automatically acquire an IP address (using DHCP) and connect to the InformaCast server when connected to the network and powered up. Information specific to the application

shall need to be programmed into the InformaCast server.

The VIP-422A-IC IP Lay-in Ceiling Speaker grille shall be constructed of steel with a white baked enamel finish. The VIP-422A-IC shall replace a 2ft x 2ft ceiling tile. The VIP-422A-IC shall be suitable for indoor applications.

Maximum dimensions shall be 23.75in L x 23.75in W x 3.75in D (60.33cm) x (60.33cm) x(9.53cm). Weight shall be approximately 5.50lbs (2.49kg).

The VIP-422A-IC shall be UL and cUL listed.

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