

Technical Specifications

VIP-120A-IC InformaCast® IP Round Ceiling Speaker

- InformaCast® compliant
- PoE (IEEE 802.3af)
- Paging, emergency alerts, and tones
- One-way paging
- High-quality audio
- High-efficiency Class-D amplifier
- Indoor use only



*InformaCast compliant
Secure, one-way*

Description:

The VIP-120A-IC IP Round Ceiling Speaker is the perfect choice for high quality voice paging and emergency alerts for indoor areas. The VIP-120A-IC is a secure, one-way speaker designed for quick and easy installation.

SPECIFICATIONS

SPEAKER ELEMENT

Cone diameter: 8-inch (20.32 cm)

Voice coil impedance: 45 Ohms

AUDIO OUTPUT

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

Signal/noise ratio: -70

FREQUENCY RESPONSE

80 Hz to 15 kHz

POWER REQUIREMENTS

Power over Ethernet (POE) 802.3af compatible

AUDIO CODECS

G.711 u-law, others

INFORMACAST CONFIGURATION METHODS

SLP (Service Location Protocol)

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

2022 Rev. 1.6.2.4

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ARCHITECTS AND ENGINEERS

The IP Round Ceiling Speaker, model VIP-120A-IC, shall be InformaCast compliant. The VIP-120A-IC shall enable voice access to a single zone of one-way paging over an IP-based LAN/WAN allowing a page zone extension anywhere on the network. The VIP-120A-IC levels are adjusted electrically via software during setup.

Power shall be provided to the VIP-120A-IC via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-120A-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-120A-IC speaker grille shall be constructed of steel with a white powder coated finish. The VIP-120A-IC is 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.