

Technical Specifications

VIP-176A-IC InformaCast® IP Intercom Doorplate Speaker

- InformaCast® compliant
- PoE (IEEE 802.3af)
- Paging, emergency alerts, and tones
- Talkback intercom
- High-quality audio
- Moderate to high noise areas
- Quick and easy installation
- Indoor/outdoor use



*InformaCast compliant
Vandal-resistant, talkback*

Description:

The VIP-176A-IC InformaCast SIP Vandal-Resistant Intercom Doorplate Speaker is the perfect choice for high quality voice paging, two-way communication and emergency alerts for moderate to high noise areas. 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

CALL SWITCH

Single pole momentary contact

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

Durable brushed stainless steel

DIMENSIONS AND WEIGHT

4.88in H x 4.88in W x 2.50in D

(12.40cm x 12.40cm x 6.40cm)

Weight: 0.82lbs (0.37kg)

Shipping Weight: 3.10lbs (1.40kg)

MOUNTING

Flush mount double gang FD electrical box

ACCESSORIES

VM-SRLY Smart Relay

2022 Rev. 1.6.2.4

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ARCHITECTS AND ENGINEERS

The IP Talkback Intercom/Doorplate Speaker, model VIP-176A-IC, shall be InformaCast compliant. The VIP-176A-IC shall allow communication to SIP-based telephone systems or Valcom Enhanced Station Port adapters via an IP-based network.

Power shall be provided to the VIP-176A-IC via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-176A-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.

An optional VM-SRLY Smart Relay Module shall be designed for use with the VIP-176A-IC. The VM-SRLY shall provide both a normally open and normally closed (Form C) output connection for activating door entry equipment.

The VIP-176A-IC IP Talkback Intercom/DoorPlate Speaker shall consist of a doorplate, network interface and mounting hardware. The VIP-176A-IC shall be constructed of durable brushed stainless steel and shall have a call button for signaling and be equipped with a LED status indicator.

VIP-176A-IC Doorplate shall be designed for double gang FD electrical box mounting. The VIP-176A-IC shall be suitable for indoor/outdoor applications protected from direct precipitation.

Maximum dimensions shall be: 4.88in H x 4.88in W x 2.50in D (12.40cm x 12.40cm x 6.40cm). Weight shall be approximately 0.82lbs (0.37kg).

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