

Technical Specifications

VIP-148AL-IC InformaCast® IP High-Efficiency Horn

- InformaCast® compliant
- Paging, emergency alerts and tones
- High quality audio
- Talkback intercom
- Power over Ethernet (PoE) 802.3af compatible
- Quick and easy installations
- Colors: beige (-BGE), gray (-GY) and marine white (-M)
- Indoor/outdoor use



*InformaCast compliant
IP Talkback 45 Ohm*

Description:

The VIP-148AL-IC IP Talkback Horn enables a two-way, handsfree voice access to a single location over an IP-based network. This allows a page zone extension anywhere on the network that extends your coverage area. The IP talkback horn is suitable for paging, broadcasting emergency alerts and tones in areas that have moderate to high noise environments.

SPECIFICATIONS

SPEAKER ELEMENT

Voice coil impedance: 45 ohms

FREQUENCY RESPONSE

275 Hz to 14 kHz

POWER REQUIREMENTS

Via 802.3af PoE Ethernet Switch: Class 3

SENSITIVITY

9 mV into 45 ohms at a level of 71.6 dB

DISPERSION

120° Horizontal and 90° Vertical

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

MOUNTING

Network Interface: wall or shelf

Horn: electrical box, wall, beam, pole

HOUSING AND FINISH

Horn: high impact ABS plastic

Mounting base: ultra-high impact polycarbonate

Marine horn: high impact ASA plastic

ENVIRONMENT

Network Interface: Indoor Only

Temperature: 32 to 104 °F (0 to +40 °C)

Humidity: 0 to 85% non-precipitating

Horn: Indoor/Outdoor

Temperature: -4 to 122 °F (-20 to +55° C)

Humidity: 0 to 95% non-condensing

DIMENSIONS AND WEIGHT

Horn:

7.38in H x 10.00in W x 10.40in D

(18.75cm x 25.40cm x 26.42cm)

Weight: 3.70lbs (1.68kg)

Network Interface:

1.62in H x 5.63in W x 3.45in D

(4.11cm x 14.30cm x 8.73cm)

with brackets – 8.22in W (20.87cm)

Weight: 0.65lbs (0.29kg)

Shipping Weight: 7.20lbs (3.24kg)

2022 Rev. 1.9.6

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ARCHITECTS AND ENGINEERS

The IP High-Efficiency Horn, model VIP-148AL-IC, shall be InformaCast compliant. The VIP-148AL-IC shall be a self contained paging system which enables voice paging over an IP network. The VIP-148AL-IC shall consists of a high-efficiency, talkback horn and a network interface.

Power shall be provided to the VIP-148AL-IC via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-148A-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-148AL-IC IP High-Efficiency Paging Horn shall be constructed of high impact ABS plastic. The mounting base shall be constructed of ultra-high impact polycarbonate plastic. The VIP-148AL-M-IC shall be constructed of high impact ASA material that resists deteriorating effects of salt, sun and high humidity. The I-beam mounting clamp shall be constructed of zinc chromate plated steel.

The VIP-148AL-IC Network Interface shall be designed for wall or shelf mounting and must be within 300 feet (100 meters) of the network switch. The VIP-148AL-IC Horn shall be designed for most FD electrical box or wall mounting and must be within 300 feet (100 meters) of the VIE148AL Network Interface. The VIP-148AL-IC shall include a "C" clamp for "I" Beam mounting. The VIP-148AL-IC Horn shall be suitable for indoor or outdoor applications. The Network Interface shall be mounted indoors only.

Maximum dimensions of the VIP-148AL-IC horn shall be: 7.38in H x 10.00in W x 10.40in D (18.75cm x 25.40cm x 26.42cm) Weight shall be approximately: 3.70lbs (1.68kg).

Maximum dimensions of the VIP-148AL-IC Network Interface shall be 1.62in H x 5.63in W x 3.45in D (4.11cm x 14.30cm x 8.73cm). Weight shall be approximately: 0.65lbs (0.29kg).

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