

Technical Specifications

VIP-581A-IC InformaCast® IP Vandal-Resistant FlexHorn™

- InformaCast® compliant
- Paging, emergency alerts and tones
- Steel mesh security baffle prevents objects from penetrating the speaker
- Power over Ethernet (PoE) 802.3af compatible
- Quick and easy installations
- Indoor use



Description:

The VIP-581A-IC IP Vandal-Resistant FlexHorn™ is designed with the same functions of the traditional FlexHorn, but incorporates tamper-resistant faceplate and resistant screw removal. The Vandal-Resistant FlexHorn is also designed with a steel mesh security baffle that prevents objects from penetrating the speaker. Ideal for schools, prisons, industrial or areas where speakers could be a target for vandalism.

SPECIFICATIONS

SPEAKER ELEMENT

3.5-inch (8.9cm)

Voice coil: 0.75dia (1.90cm), 45 Ohm

AUDIO OUTPUT

Rating: 108 dB @ 4ft (1.22m)

Signal/noise ratio: -70 dB

POWER REQUIREMENTS

Power over Ethernet (POE) 802.3af compatible

FREQUENCY RESPONSE

400 Hz - 10 kHz

DISPERSION

120° horizontal 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

ENVIRONMENT

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

Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH

Heavy gauge steel

MOUNTING

Surface mounting on a solid surface

DIMENSIONS AND WEIGHT

9.90in H x 12.20in W x 4.00in D (top), 2.70in D (bottom) (25.20cm x 30.90cm x 10.20cm D (top), 6.90cm D (bottom))

Weight: 7.40lbs (3.40kg)

Shipping Weight: 11.00lbs (4.95kg)

2022 Rev. 1.9.6

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ARCHITECTS AND ENGINEERS

The IP Vandal-Resistant FlexHorn, model VIP-581A-IC, shall be InformaCast compliant. The VIP-581A-IC shall enable loudspeaker voice paging anywhere on an Ethernet network. The VIP-581A-IC shall consist of a network-connected high efficiency horn in a durable steel enclosure.

Power shall be provided to the VIP-581A-IC via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-581A-IC. Setup of the VIP-580A-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-581A-IC IP Flexhorn shall be constructed of high

impact ABS. The VIP-581A-IC vandal-resistant enclosure shall be constructed with heavy gauge steel and shall be equipped with a steel mesh security baffle and tamper-resistant faceplate screws. The VIP-581A-IC shall be suitable for indoor installations.

The VIP-581A-IC shall be designed with mounting holes for single-gang, double-gang or octagon outlet box or attachment to any solid surface.

Maximum dimensions shall be: 9.90in H x 12.20in W x 4.00in D (top), 2.70in D (bottom) (25.20cm x 30.90cm x 10.20cm top, 6.90cm bottom). Weight shall be approximately: 7.40lbs (3.40kg).

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