

# Technical Specifications

## VIP-581A-SA Syn-Apps IP Vandal-Resistant FlexHorn™

- Syn-Apps 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-SA 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

### SYN-APPS CONFIGURATION METHODS

DHCP Option 72

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)

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## ARCHITECTS AND ENGINEERS

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

Power shall be provided to the VIP-581A-SA via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-581A-SA Setup of the VIP-580A-SA shall automatically acquire an IP address (using DHCP) and connect to the Syn-Apps server when connected to the network and powered up. Information specific to the application shall need to be programmed into the Syn-Apps server.

The VIP-581A-SA IP Flexhorn shall be constructed of high

impact ABS. The VIP-581A-SA 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-SA shall be suitable for indoor installations.

The VIP-581A-SA 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](http://www.valcom.com/warranty).