

Technical Specifications

VIP-9890AL-CB-IC InformaCast® IP Vandal-Resistant Call Station

- InformaCast® compliant
- PoE (IEEE 802.3af)
- Long line extender
- ADA compliant
- Vandal-resistant
- Indoor/outdoor use



Description:

The VIP-9890AL-CB-IC IP Emergency Call Station allows communication to an InformaCast Server and SIP-compatible telephone systems via an IP network. The IP Call Station combines a rugged weather-resistant talkback paging horn with a vandal-resistant enclosure for added protection. The VIP-9890AL-CB-IC is ideally suited for parking garages, prison common areas, transportation terminals and high-noise environments.

SPECIFICATIONS

SPEAKER ELEMENT

Voice coil impedance: 45 Ohm

AUDIO OUTPUT

Rating: > 100 dB @ 4ft (1.22 m) on axis

CALL SWITCH

Single Pole Momentary Contact

AUXILIARY RELAYS

Form C rated at 1 A @ 24 Vdc

POWER REQUIREMENTS

Power over Ethernet (POE) 802.3af compatible

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

AUDIO CODECS

G.711 u-law, others

INFORMACAST CONFIGURATION METHODS

SLP (Service Location Protocol)
Static Configuration

ENVIRONMENT

Network Interface: Indoor only
Call Station: Indoor/outdoor
Temperature: +32 to +104 °F (0 to +40 °C)
Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH

Enclosure: Steel
Finish: Yellow
Grille: Brushed stainless steel
Hardware: Tamper resistant

DIMENSIONS AND WEIGHT

10.00in H x 12.50in W x 4.00in D
(25.40cm x 31.75cm x 10.20cm)
Weight: 10.75lbs (4.89kg)
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: 14.00lbs (6.30kg)

MOUNTING

Surface mount

2022 Rev. 1.9.1.9

Technical Specifications

ARCHITECTS AND ENGINEERS

The IP Talkback Call Station, model VIP-9890AL-CB-IC, shall be InformaCast compliant. The VIP-9890AL-CB shall allow communication to an InformaCast Server and SIP-enabled telephone systems via an IP network. The VIP-9890AL-CB-IC shall combine a rugged talkback paging horn with a vandal-resistant enclosure. The VIP-9890AL-CB-IC shall be ideally suited for high-noise exposed environments.

Power shall be provided to the VIP-9890AL-CB-IC via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-9890AL-CB-IC shall be 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-9890AL-CB-IC IP Talkback Call Station shall be designed for double gang FD electrical box mounting and must be within 300 feet (100 meters) of the Network Interface. The VIP-9890AL-CB-IC Network Interface shall be designed for wall

mounting and must be within 300 feet (100 meters) of the network switch.

The VIP-9890AL-CB-IC IP Talkback Call Station vandal-resistant enclosure shall be constructed of steel with a yellow powder coated finish. The grille shall be constructed of brushed stainless steel. Tamper resistant hardware shall be included. The VIP-9890AL-CB-IC shall be suitable for indoor and outdoor applications. The Network Interface shall be for indoor applications only.

Maximum call station dimensions shall be: 10.00in H x 12.50in W x 4.00in D (25.40cm x 31.75cm x 10.20cm). Weight shall be approximately 10.75lbs (4.89kg). The network interface dimensions shall be 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 shall be approximately 0.65lbs (0.29kg).

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