

Technical Specifications

VIP-9890AL-CB IP Vandal-Resistant Call Station

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



Network Interface



Vandal-resistant
Surface mount

Description:

The VIP-9890AL-CB IP Emergency Call Station allows communication to Valcom's FXO, FXS units 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 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

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, shall allow communication to Valcom FXO or FXS units and SIP-enabled telephone systems via an IP network. The VIP-9890AL-CB shall combine a rugged talkback paging horn with a vandal-resistant enclosure. The VIP-9890AL-CB shall be ideally suited for high-noise exposed environments.

Power shall be provided to the VIP-9890AL-CB via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-9890AL-CB shall be via the Valcom IP Solutions Setup Tool.

The VIP-9890AL-CB 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 Network Interface shall be designed for wall mounting and must be within 300 feet (100 meters) of the network switch.

The VIP-9890AL-CB 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 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.