Technical Specifications

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

- SIP enabled
- PoE (IEEE 802.3af)
- Paging, Intercom, emergency alerts
- Long line extender
- ADA compliant
- Vandal-resistant
- Available in Blue (-B), Red (-R), Yellow (-Y) Gray (-G)
- InformaCast® version available
- Indoor/Outdoor use

Network Interface

Vandal-resistant Surface mount

Description:
The VIP-9890AL-EM IP Emergency Call Station's highly visible design provides single button emergency two way communication and quality audio broadcasting. Perfect for dorm buildings, corridors, stairwells, area of refuge and common areas.

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: Blue, red, yellow, gray
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

VALCOM®

Technical Specifications

The IP Emergency Talkback Call Station, model VIP-9890AL-EM, shall allow communication to Valcom FXO or FXS units and SIP-enabled telephone systems via an IP network. The VIP-9890AL-EM shall combine a rugged talkback paging horn with a vandal-resistant enclosure.

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

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

The VIP-9890AL-EM IP Emergency Talkback Call Station vandal-resistant enclosure shall be constructed of steel with a red, blue, yellow or gray powder coated finish. The grille shall be constructed of brushed stainless steel. Tamper resistant hardware shall be included. The VIP-9890AL-EM 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.