

**VANDAL RESISTANT IP EMERGENCY  
TALKBACK CALL STATION  
VIP-9890A-EM****FEATURES:**

- Use with Cisco, Nortel, Avaya, and most modern IP Telephone Systems
- Call button calls a SIP address or any Valcom Gateway Device and provides enhanced Call ID identification
- Automatic Talkback VOX operation (no Push To Talk button required)
- Easy, RJ45 plug in, Cat 5 or 6, LAN /WAN 10/100 Mbps
- SIP or Multicast Softphone addressable
- One-Way All Call 1000's of units with Valcom Gateway Device
- Unlimited one-way group calls
- LED Status Indicator
- Compatible with secure networks
- Supervision with Alert Functions
- Web-based Firmware Upgradeable
- Web Interface For Control And Setup
- DHCP
- IEEE 802.3af (PoE) compliant
- High Survivability –No Server Needed
- Vandal Resistant and Tamper-Proof

**DESCRIPTION:**

The VIP-9890A-EM Vandal Resistant IP Handsfree Emergency Talkback Call Station provides one-way or two-way communication to multiple answer locations. Pressing the "Call" button on the call station initiates a call to any SIP telephone, SIP address, PC softphone, Valcom intercom station or to a Valcom IP gateway. When the called party answers, a handsfree talkback communication is enabled. When the called party terminates the call, the connection is terminated automatically. A remote activated relay is provided allowing the use of a strobe light, remote door unlock or camera activation.

**SPECIFICATIONS:****SPEAKER**

3.5" (8.9 cm)

**FREQUENCY RESPONSE**

400 Hz - 10 kHz

**VOICE COIL**

.75 dia. (1.9 cm), 45 Ohm

**DISPERSION ANGLE**

120° Horizontal

90° Vertical

IETF RTP (RFC 1889)

IETF RFC 2833

Digest Authentication

Other protocols available upon request

**NETWORKING**

10/100 Mbps Ethernet port

Manual or Dynamic Host Configuration

Protocol (DHCP) IP address setup.

Time and date synchronization using SNTP

**OUTPUT**

Rating: 100 dB @ 4' (1.22m)

**POWER REQUIREMENTS**

Extend: 24 VDC @ 325 ma

PoE: 802.3af, class 3

**HOUSING AND FINISH**

Safety Yellow Powder Coated 16 gauge CRS Enclosure, brushed stainless steel ADA compliant grille and tamper resistant hardware.

**PROTOCOLS**

IETF SIP (RFC 3261)

IETF IGMP version 3 (RFC 3376)

**AUXILIARY RELAY OUTPUT**

(1) Form C contact 1A @ 24V

Programmable activation period

**ENVIRONMENT**

Temperature: -4 to +131 °F (-20 to +55 °C)

Humidity: 0 to 95%

**DIMENSIONS AND WEIGHT**

10.0" H x 12.25" W x 4.0" D

(25.4 cm x 31.12 cm x 10.16 cm)

Shipping Weight: 10.75 lb. (4.1kg)

**ARCHITECTS' AND ENGINEERS' SPECIFICATIONS**  
**MODEL VIP-9890A-EM**  
**VANDAL RESISTANT IP HANDSFREE EMERGENCY TALKBACK CALL STATION**

The VIP-9890A-EM Vandal Resistant IP Handsfree Emergency Talkback Call Station shall consist of a high efficiency re-entrant type weather-proof horn, vandal resistant call switch, network interface card and handsfree talkback amplifier. The enclosure shall be a surface mount Safety Yellow Powder Coated 16 gauge enclosure, brushed stainless steel grille, vandal resistant pushbutton and tamper resistant hardware.

The frequency response of the horn shall be 400 Hz to 10 kHz with an output SPL of 100dB @ 4' (1.22m). The horn shall have a continuous power rating of 3 watts. Dispersion shall be 120 degrees horizontal and 90 degrees vertical.

Network protocols shall include IETF SIP (RFC 3261), IETF IGMP version 3 (RFC 3376), IETF RFC 2833 Digest Authentication. The unit shall operate on a IEEE: 802.3af (PoE), class 3 network port and require no additional external power.

Dimensions of the unit shall be 10.0" (25.4cm) H x 12.25" (31.12 cm) W x 4.0" (10.16 cm) D. The weight shall be 10.75 lbs (4.1 kg).

**Limited Warranty**

Valcom Services L.L.C. warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be

limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom Services L.L.C. indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened.  
(A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Valcom Services L.L.C. are prepaid,
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs  
(major repairs will be subject to additional charges for parts and labor).

**This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Valcom Services L.L.C. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.**

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.