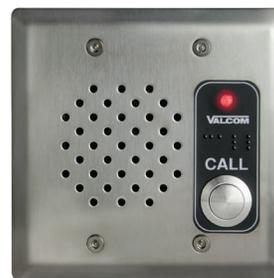# Technical Specifications

VIP-172AL-VRSS IP Intercom Doorplate Speaker

- Concurrent SIP and Multicast
- PoE (IEEE 802.3af)
- Paging, emergency alerts, and tones
- Talkback intercom
- High-quality audio
- Quick and easy installation
- InformaCast® and Intrado Revolution® versions available
- Indoor/outdoor use

IEC 60529
IP5X

Vandal-Resistant Talkback

Description:
The VIP-172AL-VRSS PoE SIP Intercom Doorplate Speaker with LED is the perfect choice for high quality voice paging, two-way communication and emergency alerts. The VIP-172AL-VRSS is designed for quick and easy installation.

SPECIFICATIONS

SPEAKER ELEMENT
Voice coil impedance: 45 Ohms

AUDIO OUTPUT
Rating: > 96 dB @ 4ft (1.22 m)

FREQUENCY RESPONSE
80 Hz to 15 kHz

POWER REQUIREMENTS
Power over Ethernet (POE) 802.3af compatible

CALL SWITCH
Single pole momentary contact

AUDIO CODECS
G.711 u-law, others

AUXILIARY RELAYS
Form C rated at 1A @ 24 Vdc)

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

ENVIRONMENT
Temperature: +32 to +104 °F (0 to +40 °C)
Humidity: 0 to 85% non-precipitating

HOUSING AND FINISH
Durable brushed stainless steel

DIMENSIONS AND WEIGHT
4.50in H x 4.50in W x 1.75in D
(11.43cm x 11.43cm x 4.45cm)
Weight: 1.68lbs (0.76kg)
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: 4.70lbs (2.12kg)

MOUNTING
Flush mount double gang FD electrical box

Technical Specifications

The IP Talkback Doorplate Speaker/Intercom, model VIP-172AL-VRSS, shall allow communication to Valcom FXS units (VIP-811, -812, -814) and SIP Based telephone systems via an IP-based network.

The VIP-172AL-VRSS IP Talkback Doorplate Speaker/Intercom shall consist of a doorplate, network interface, mounting hardware, and a VIP-172-RLY Relay Block. The VIP-172AL-VRSS shall be constructed of durable brushed stainless steel and shall have a call button for signaling and be equipped with a LED status indicator.

Power shall be provided to the VIP-VIP-172AL-VRSS via a Power over Ethernet (PoE) switch meeting the 802.3af specification. Setup of the VIP-172AL-VRSS shall be via the Valcom IP Solutions Setup Tool.

The VIP-172AL-VRSS Network Interface shall be designed for wall or shelf mounting and must be within 300 feet (100 meters) of the network switch. The VIP-172AL-VRSS Doorplate shall be designed for double gang FD electrical box mounting and must be within 350 feet of the Network Interface. The VIP-172AL-VRSS shall be suitable for indoor/outdoor applications. The Network Interface shall be mounted indoors only.

Maximum dimensions of the VIP-172AL-VRSS IP Doorplate Speaker/Intercom shall be: 4.50in H x 4.50in W x 1.75in D 11.43cm x 11.43cm x 4.45cm). Weight shall be approximately 1.68lbs (0.76kg).

Maximum dimensions of the VIP-172AL-VRSS Network Interface shall be: 1.62in H x 5.63in W x 3.45in D (4.11cm x 14.30cm x 8.73cm). Weight shall be approximately: 0.65lbs (0.29kg).

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