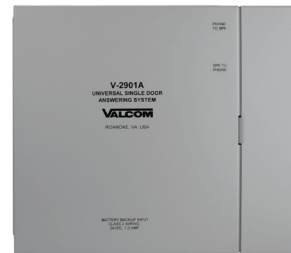


# Technical Specifications

## V-2901A Door Answering Unit With Door Unlock

- Door unlock contact closure (strike-plate required)
- Alarm functions
- Transmit and receive volume controls
- Background music input with volume control
- Built-in ring generator with on/off switch
- 3 distinctive ring patterns
- Programmable options include:
  - Door unlock codes
  - Number of ring cycles before door request is terminated
  - Time the door remains unlocked
- Requires -24 Vdc, 600mA (filtered)



1 door  
Door unlock capability

### Description:

The V-2901A Door Entry system enables you to have extra security you need for your organization. With a push of the button, your visitor initiates a two-way communication from the door speaker to the telephone. Once the visitor is identified then you are able to dial a code on the phone that unlocks the door.

## SPECIFICATIONS

### INPUT

Input Impedance: 600 Ohms

Input level: -10 dBm nominal

### OUTPUT

Output Impedance: 45 Ohms

### SENSITIVITY

Voice switch sensitivity: -26 dBm

### RING SUPPLY

90 Vac, 30Hz

### POWER REQUIREMENTS

-24Vdc filtered, 600mA minimum

### AUXILIARY RELAYS

1 Form C make-break contacts

Rated 2 Amps at 30 Vdc

### CONTROLS

Speaker to phone volume control

Phone to speaker volume control

Ringer on/off switch control

### ENVIRONMENT

Temperature: +32 to +104 °F (0 to +40 °C)

Humidity: 0 to 85% non-condensing

### HOUSING AND FINISH

Gray painted aluminum alloy

### DIMENSIONS AND WEIGHT

8.60in H x 11.00in W x 2.30in D

(21.84cm x 27.94cm x 5.84cm)

Weight: 3.00lbs (1.36kg)

Shipping Weight: 6.60lbs (2.97kg)

### ACCESSORIES

VPB-260 Battery Back-up Supply

2022 Rev. 1.8.3

# Technical Specifications

## ARCHITECTS AND ENGINEERS

The One Door Answering Unit with Door Unlock, model V-2901A, shall provide voice paging with handsfree reply to a door from any telephone location. The V-2901A initiates ring-in on the telephone system and sends a confirmation tone to the door speaker. The individual at the phone responding to the signal will determine if access should be allowed. Pressing a programmed code on the telephone dialpad or pressing the remote button will unlock the door to allow admission. The V-2901A also provides an alarm control output to alert an alarm system of an unauthorized entry.

The V-2901A One Door Answering Unit with Door Unlock shall be used with a dedicated single line telephone set, a loop start trunk port of a PABX or C. O. Line Position of an E-Key System.

The V-2901A One Door Answering Unit with Door Unlock shall have a power consumption of -24 Vdc at 600 mA. Input impedance shall

be 600 Ohms. Input level shall be -10 dBm nominal. Voice switch sensitivity shall be -26 dBm. Output impedance shall be 45 Ohms. Ring supply shall be 90Vac, 30Hz.. Operating temperature shall be +32 to 104 °F (0 to + 40 °C). Operating humidity level shall be 0% to 85% non-condensing.

The V-2901A One Door Answering Unit with Door Unlock shall be constructed of gray painted aluminum alloy.

The maximum dimensions shall be: 8.60in H x 11.00in W x 2.30in D (21.84cm x 27.94cm x 5.84cm). Weight shall be approximately: 3.00lbs (1.36kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).