

**FEATURES:**

- Relay Contacts - Programmable as either Form A or Form B
- 8 Contact Closure Inputs
- RJ-45 For Network Connection
- Front Panel Activity LED
- Removable Screw Terminal Connector Provided for Input and Relay Interface
- 2.5mm Jack for DC Power (optional)
- Power Over Ethernet (PoE) 802.3af Compatible
- No Server Required
- 1 to 11 Digit Dial Plans
- Easy Windows Based Setup



**DESCRIPTION:**

The VE8048A/VE8048AR IP Input/Output Module allows operation of eight (8) contact closures which are software programmable as either form A or form B. Eight (8) contact closure activated inputs provide for various programmable relay functions. The VE8048A/VE8048AR allows initiation of VE6001 server events over an IP-based LAN/WAN. Multiple VE8048A/VE8048AR may be deployed on the same network. The VE8048A is designed for wall or table placement. The VE8048AR is designed for 19" mounting (1U).

**Specifications:**

**Nominal Specifications**

Input Impedance: 10k Ohms  
Relay Current: 1 AMP @ 24VDC  
Protocols: DHCP, IGMP v3, UDP, TCP, HTTP, Telnet, FTP

**Nominal Power Requirements**

**Via Back Panel Barrel Connector:**

Voltage: 24VDC  
Current: 325mA

**Via 802.3af PoE Ethernet Switch:**

802.3af: Class 3

**Environment**

Temperature: +32 to +104°F (0 to +40°C)  
Humidity: 0 to 85% Non-Precipitating

**Dimensions/Weight (VE8048A)**

1.75" H x 6.75" W x 9.5" D  
(4.45cm H x 17.15cm W x 24.13cm D)  
Weight: 1.75 lbs. (0.80 kg)

**Dimensions/Weight (VE8048AR)**

1.75" H x 16.50" W x 9.50" D  
(4.45cm H x 41.91cm W x 24.13cm D)  
Weight: 7.80 lbs. (3.54 kg)

## ARCHITECTS' AND ENGINEERS

The IP Input/Output Module, Model VE8048A or VE8048AR shall feature eight (8) software programmable contact closures. It shall also feature eight (8) contact closure activated inputs. The VE8048A/VE8048AR shall allow remote relay activation and/or initiation of VE6001 server events over an IP-based LAN/WAN. The VE8048A shall be designed for wall or table placement. The VE8048AR shall be designed for 19" rack mounting (1U).

The (VE8048A) maximum dimensions shall be: 1.75 H x 6.75" W x 9.5" D (4.45cm H x 17.15cm W x 24.13cm D). Shipping Weight shall be approximately: 1.75 lbs. (0.80 kg).

The (VE8048AR) maximum dimensions shall be: 16.50" x 1.75" x 9.50" (41.91 cm x 4.45 cm x 24.13 cm). Shipping Weight shall be approximately: 7.80 lbs (3.54 kg).

## LIMITED WARRANTY

Valcom, Inc. warrants its products only to the original purchaser, for its own use, 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. This Limited Warranty obligation shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. 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 altered in any way or 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 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 Limited Warranty is in lieu of and excludes all other warranties, expressed or implied and in no event, shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation, maintenance, installation, removal or use of the product. The maximum liability of Valcom under this warranty is limited to the purchase price of the specific Product covered by the warranty.

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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.