

OMEGAPHONE® 7-Channel, 4 to 20 mA Input Alarm Dialer Model OMA-VM500-4

Starts at
\$615



OMA-VM500-4, \$615,
shown smaller than
actual size.

- ✓ Monitors 7-Channels of 4 to 20 mA Input, One Dry-Contact Input, and Power Status
- ✓ Isolated Inputs Prevent Ground Loops
- ✓ Program Up to Four 20-Digit Phone Numbers
- ✓ Works with Telephone Pagers
- ✓ Integral 4-Line LCD
- ✓ Wall-Mount Enclosure

Model OMA-VM500-4 monitors up to seven 4 to 20 mA inputs and dials up to 4 phone or pager numbers if any 4 to 20 mA input goes out of limits, if the dry-contact input is not in its programmed normal state, or if there is a power outage. The integrated voice tells the user which input is out of limits. The user can call the unit at any time to hear a report on the input and power status.

The OMA-VM500-4 is easily programmed over the phone. Simply locate the unit in the area where you want to measure the 4 to 20 mA inputs, plug in the phone line and the power adaptor, turn the unit on, and call the unit from another phone or cell phone. Follow the spoken instructions and the instructions in the operator's manual to program the phone numbers where you want the dialer to call in case of an alert condition and the upper and lower limits for the 4 to 20 mA signals. Then hang up by pressing the "0" key on your phone until the unit says "good-bye." The system is now programmed and is monitoring your facility for 4 to 20 mA input and power status.

Specifications

Number of Analog Inputs:

7

Sensor Type:

Self-powered
4 to 20 mA output
sensors



Sensor Input:

Isolated, 20 Ω input impedance

Response Time: 50 ms

Accuracy: ±0.05 mA

High and Low Limits on

4 to 20 mA Inputs: Programmable Scaling in Engineering Units for Each 4 to 20 mA Input:

Programmable

Dry-Contact Input: 12 Vdc 10 mA source; input is normally open

Telephone:

Standard RJ11 phone jack connection

Telephone Numbers: Stores up to 4 phone numbers up to 20 digits long

Personal Identification Message: Records up to a 10-second message over the phone

Operation:

Operates with answering machine on the same phone line

Display: Integral 4-line LCD

Alarm Notification: Alarm siren sounds and alarm relay closes if any input goes out of limits

Alarm Cancellation: Pushbutton on front of the unit silences the alarm and cancels emergency telephone calls

Alarm Relay Output:

5 A, 125 Vac

Alarm Buzzer: 85 dB

Power: Powered from included 120 Vac wall mount transformer power supply

Battery Backup: 4-hour rechargeable battery backup; 20 or 30 hours optional

Operating Temperature: 0 to 52°C (32 to 125°F)

Electrical Connections:

Plug-in terminal block

Dimensions:

117 H x 223 W x 57 mm D
(4.62 x 8.79 x 2.26")

Material: ABS plastic

Weight: 0.9 kg (2 lb)

OMEGACARE™ extended warranty program is available for models shown on this page. Ask your sales representative for full details when placing an order. OMEGACARE™ covers parts, labor and equivalent loaners.

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)

Model Number	Price	Description
OMA-VM500-4	\$615	7-channel automatic 4 to 20 mA input alarm dialer with integral LCD
OMA-VM500-4-B20	652	7-channel automatic 4 to 20 mA input alarm dialer with 20-hour battery backup and integral LCD
OMA-VM500-4-B30	681	7-channel automatic 4 to 20 mA input alarm dialer with 30-hour battery backup and integral LCD
CS-3791	150	Reference Book: Standard Handbook of Electronics Engineering

Each unit comes with complete operator's manual.

Ordering Example: OMA-VM500-4-B20, 7-channel automatic 4 to 20 mA alarm dialer with 20-hour battery backup and integral LCD display, OMEGACARE™ 1-year extended warranty for OMA-VM500-4-B20 (adds 1 year to standard 1-year warranty), \$652 + 65 = \$717.



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