



# OMA-VM505 and OMA-VM500-7 SERIES OMEGAPHONE Alarm Dialer

## Eight Zone Temperature with Optional Ethernet Data Collection

**\$445**  
Basic Unit



- ✓ Monitors Power Status, 2 Door Sensor Inputs (NC Dry Contact) and up to Eight Channels of Temperature Input
- ✓ Low Temperature Range for Monitoring Refrigerators and Freezers
- ✓ OMA-VM505 Series for 1000 Ω Pt RTD Inputs
- ✓ OMA-VM500-7 Series for 100 Ω Pt RTD Inputs
- ✓ Programmable High and Low Temperature Limits and Alarm Time Delay
- ✓ Program up to Four 20 Digit Phone Numbers
- ✓ Works with Telephone Pagers
- ✓ Easy-to-Follow Menu Driven Programming Done Over the Phone
- ✓ Optional Ethernet Data Collection Package
- ✓ Wall Mount Enclosure
- ✓ Rechargeable Backup Battery (Included)

OMA-VM505 and OMA-VM500-7 dialers monitor power, 2 door status inputs and up to eight independent temperature zones and dials up to four phone or pager numbers if the temperature in any zone goes out of limits, if there is a power outage or a door is opened. The integrated voice tells you which zone is out of limits and the current temperature. You can call the unit at any time to hear a report on the temperature of any zone, power status and door status.



OMA-VM505, \$445, shown smaller than actual size

All programming is accomplished over the phone following simple voice instructions. These dialers are easily programmed over the phone. Simply locate the unit, plug in the phone line and the power adapter, turn the unit on and then call the unit from another phone or cell phone.

Follow the spoken instructions and 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 temperature limits. 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 temperature, power status and door status.

### Ethernet Data Collection

The optional Ethernet data collection package allows you to remotely check the dialer status with a standard web browser. Using this package you can view real time data, view historical data, automatically send alarm emails to key personnel that specify the exact location and cause of the problem, maintain secure data files, easily

create and print graphs over specified time periods for any data and also program temperature limits remotely.

### Specifications

**Number of Temperature Inputs:** 8  
**Input Type:** OMA-VM505 Series; 2-wire 1000 Ω Pt RTD,  $\alpha = 0.00385$ ;

OMA-VM500-7 Series; 2-wire 100 Ω Pt RTD,  $\alpha = 0.00385$

**Temperature Measurement Range:**

**OMA-VM505:** -100 to 35°C (-148 to 96°F)

**OMA-VM500-7:** -200 to 200°C (-328 to 392°F)

**Accuracy:**  $\pm 1^\circ\text{C}$  ( $\pm 2^\circ\text{F}$ )

**Resolution:** 1°C/1°F

**High and Low Temperature Limits:** Programmable

**Alarm Time Delays:**

Programmable

**Door Sensor Inputs:** 2 inputs @ 12 Vdc 10 mA source

**Telephone:** Standard RJ11

phone jack connection

**Telephone Numbers:**

Stores up to four phone numbers

up to 20 digits long

**Recording Time for Local Identification Message:**

5 seconds



**OMA-VM500-7, \$645,**  
shown smaller than  
actual size



**OMA-VM500-7-DCP,**  
\$845, shown smaller  
than actual size

**Recording Time for Individual  
Sensor Identification Messages:**

5 seconds  
**Operation:** Operates with  
answering machine on the same  
phone line

**Display:** Integral LCD display  
**Alarm Notification:** Alarm siren  
sounds and alarm relay closes  
if the temperature goes out  
of limits in a zone, power goes  
out or a door opens

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

**Alarm Relay Output:** 1A, 30 Vdc  
**Alarm Buzzer:** 85 dB

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

**Battery Backup:** 4-hour  
rechargeable battery backup;

20 or 30 hours optional  
**Operating Ambient:** 0 to 51°C  
(32 to 125°F)

**Electrical Connections:**  
2 pluggable 12 position  
terminal blocks

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

**Material:** ABS plastic  
**Weight:** 1.4 kg (3 lb)

**Ethernet Data Collection**

**LAN:** Ethernet 10Base-T  
or 100Base-TX (auto-sensing)  
Transport Protocol: TCP/IP, UDP

**Connector:** RJ45  
**LED Indicators:** 10Base-T  
connection, 100Base-TX  
connection, link and activity  
indicator (full/half duplex)

**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

<b>To Order (Specify Model Number)</b>		
<b>Model Number</b>	<b>Price</b>	<b>Description</b>
<b>1000 Ω Pt RTD Input Models</b>		
OMA-VM505	\$445	8 channel temperature alarm dialer
OMA-VM505-B20	492	8 channel temperature alarm dialer with 20 hour battery backup
OMA-VM505-B30	511	8 channel temperature alarm dialer with 30 hour battery backup
OMA-VM505-DCP	645	8 channel temperature alarm dialer with ethernet data collection
OMA-VM505-DCP-B20	692	8 channel temperature alarm dialer with ethernet data collection and 20 hour battery backup
OMA-VM505-DCP-B30	711	8 channel temperature alarm dialer with ethernet data collection and 30 hour battery backup
RTD-1-F3145-36-T	38	Epoxy potted 1000 Ω RTD element with 1.8 m (3')* of 26 AWG PFA insulated stranded nickel plated copper lead wire
<b>100 Ω Pt RTD Input Models</b>		
OMA-VM500-7	\$645	8 channel temperature alarm dialer
OMA-VM500-7-B20	692	8 channel temperature alarm dialer with 20 hour battery backup
OMA-VM500-7-B30	711	8 channel temperature alarm dialer with 30 hour battery backup
OMA-VM500-7-DCP	845	8 channel temperature alarm dialer with ethernet data collection
OMA-VM500-7-DCP-B20	892	8 channel temperature alarm dialer with ethernet data collection and 20 hour battery backup
OMA-VM500-7-DCP-B30	911	8 channel temperature alarm dialer with ethernet data collection and 30 hour battery backup
RTD-1-F3105-36-T	38	Epoxy potted 100 Ω RTD element with 1.8 m (3')* of 26 AWG PFA insulated stranded nickel plated copper lead wire

Each unit is supplied with complete user's manual and ac adaptor.

**Ordering Example:** OMA-VM500-7-DCP-B30 eight channel temperature alarm dialer with 100 Ω Pt RTD inputs, Ethernet data collection and 30-hour battery backup and OMEGACARE<sup>SM</sup> 1-year extended warranty for OMA-VM500-7-DCP-B30 (adds 1 year to standard 1-year warranty), \$911 + 91 = \$1002.

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