

COMPUTER ROOM GUARD™ MODEL VM500-8**General Description**

The Computer Room Guard is a complete environmental monitor and autodialer system in a wall mount enclosure.

The Computer Room Guard monitors the temperature and humidity of up to four rooms and provides alarms based on power loss and water intrusion.

The Computer Room Guard will call and alert you with a voice message or a pager alert when a room's environment is out of range and your valuable equipment is in danger of being damaged.

**Features**

- Monitor the temperature & humidity of up to four individual rooms
- Programmable high and low temperature & humidity limits for each room
- Programmable alarm time delay for each sensor
- Water Sensor input, get a call if water is detected in any room
- Calls up to four programmable phone numbers
- Call and hear the temperature, humidity, and power status any time
- Pager compatible. Leaves call back number on numeric pages
- Power monitoring. Get a call if the power fails
- Buzzer and alarm relay output provide alerts to onsite staff
- Programmed settings are never lost!
- Recordable greeting message
- Rechargeable backup battery (included)

Functional Description**Monitoring**

The Computer Room Guard continuously monitors the temperature and humidity of up to four rooms and monitors for power loss and water leaks.

Remote Status Checking

The Computer Room Guard can be called anytime to check the temperature and humidity of any room, the power condition, and water sensor status.

Emergency Phone Calls

When the temperature or humidity are out of programmed limits, the power is out, or water has been detected the Computer Room Guard will dial all programmed phone numbers until contact is made. If contact has not been made after dialing all phone numbers, the Computer Room Guard will wait twenty minutes and then begin calling again. This sequence is repeated until contact is made.

When the Computer Room Guard is calling a standard voice number, it will play the recordable alarm message and the current temperature, humidity, and power status. The Computer Room Guard will then prompt the user to enter the PIN. When the correct PIN is entered, contact has been made. The Computer Room Guard will stop calling until a new alarm condition occurs.

When the Computer Room Guard calls a pager number, it will transmit the programmable Local ID Number for display on the pager screen.

User Programmable Features

Maximum number of programmable callout numbers: 4
 Maximum number of digits for callout numbers: 20
 Maximum number of digits for the Local ID which is displayed when calling a pager: 20
 Recording time for the Local Identification message: 5 seconds
 Range of incoming rings before the VM500-8 answers: 1 to 20
 Number of digits in programmable PIN: 4
 All programmable sensor time delays: 0 to 999 minutes
 Power outage alarm time delay: 0 to 900 minutes

Specifications

Temperature Measuring Range: 32°F to 125°F, ±2°F Accuracy
 Humidity Measuring Range: 20% to 100% RH, 3%RH Accuracy
 Power Requirements: 120VAC at 50/60 Hz wall mount transformer (included)
 Outputs:
 Relay: 30VDC 1A contacts
 Alarm Buzzer: 85 dB
 Electrical Connections: Pluggable 8 position terminal blocks
 Material: Flame retardant ABS plastic, 94-5VA
 Dimensions: Enclosure: 8.790" x 4.620" x 2.255" , Mounting Flange Holes: 8.250" x 3.500"
 Ambient Operating Conditions: 32°F to 125°F
 Shipping Weight: 2 lbs
 Agency Compliance: Model VM500-8 FCC Approved and Registered, power supply UL listed

Options

Option	Part Number Suffix	Description
20 Hour battery backup	B20	The 20 hour battery backup allows the Computer Room Guard to make and receive telephone calls in the event of a power outage for up to 20 hours, depending on the number and duration of telephone calls.
30 Hour battery backup	B30	The 30 hour battery backup allows the Computer Room Guard to make and receive telephone calls in the event of a power outage for up to 30 hours, depending on the number and duration of telephone calls.